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MICHELL'S BULBS

1918

29TH
YEAR

GIANT
DARWIN TULIP (LATE)

WM. PITT

BRILLIANT CARMINE

50 CTS. PER DOZ., \$3.00 PER 100

SEE INSIDE PAGES FOR A
COMPLETE LIST OF
DARWIN TULIPS

GIANT
SINGLE NARCISSUS

BICOLOR VICTORIA

YELLOW TRUMPET, WHITE PERIANTH

LARGE BULBS

70 CTS. PER DOZ., \$3.75 PER 100

MONSTER BULBS

90 CTS. PER DOZ.,

\$5.00 PER 100

HENRY F. MICHELL CO.
518 MARKET STREET, PHILADELPHIA

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HENRY F. MICHELL CO.

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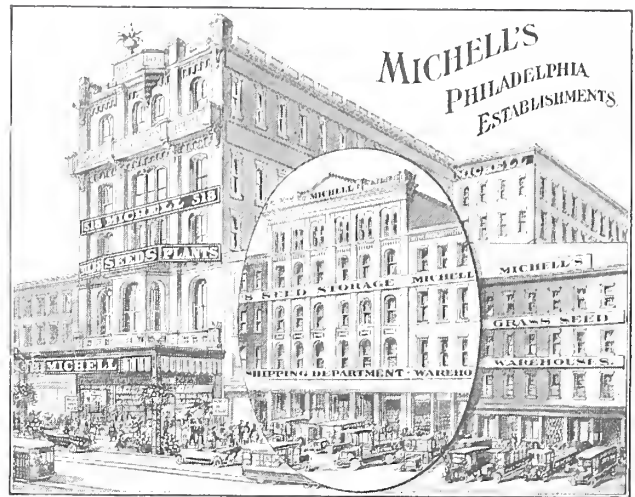
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All customers and others interested in horticulture or agriculture are cordially invited to visit our plant establishment at Andalusia Station (N. Y. Division of P. R. R.), about 16 miles from Philadelphia. In the spring, summer and autumn we invariably have interesting displays of hardy flowers, etc. This invitation applies to our city establishment as well, at 518 Market Street, Philadelphia.



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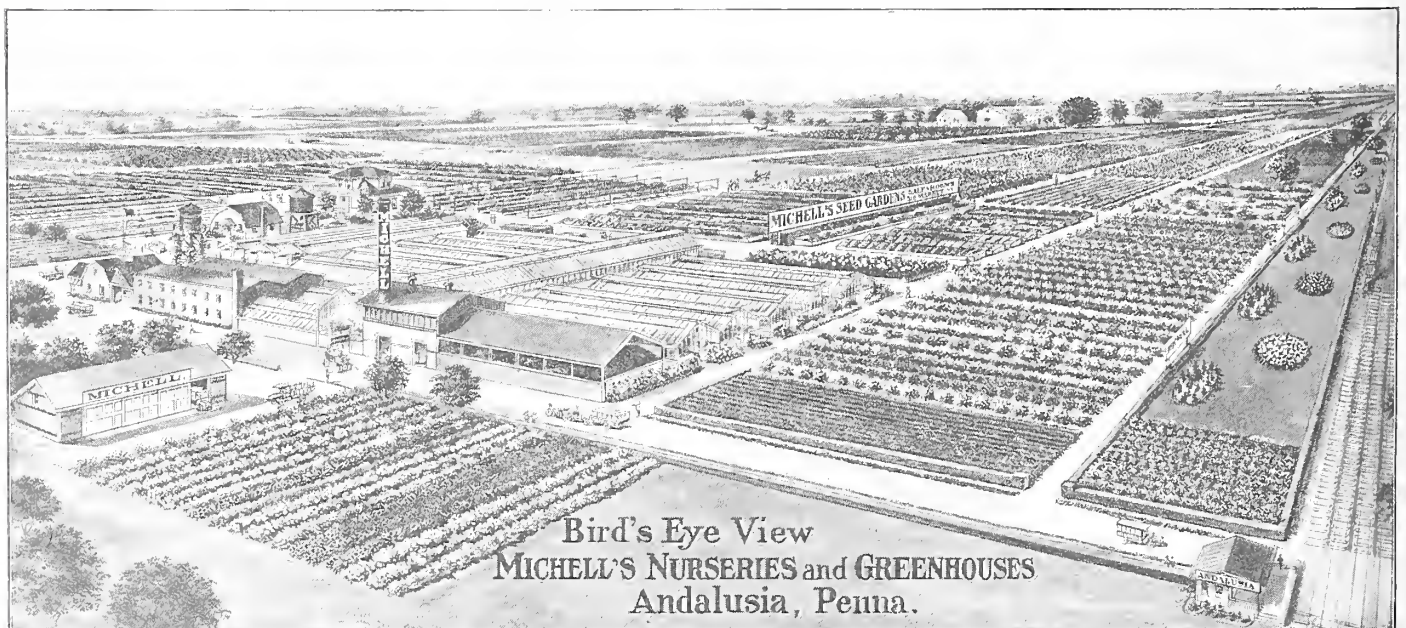
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Bird's Eye View
MICHELL'S NURSERIES and GREENHOUSES
Andalusia, Penna.

CATALOG
ORDER SHEET For **MICHELL'S SEEDS, BULBS, PLANTS, Etc.**

22,000 Blue, 125,000 Pink—3-18-McM.

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ARTICLES WANTED

PRICE

UNIT

TOTAL

DOLLARS

CENTS

AMOUNT FORWARD

SPECIAL NOTICE

ON account of unusual prevailing conditions, all prices are subject to market changes without notice, although we will use every effort to protect our customers against unnecessary advances in prices.

HENRY F. MICHELL CO.

518 Market Street, Phila.

(SEE OTHER SIDE)

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Brief Cultural Directions on a few of the Most Important Bulbs

HYACINTHS

Directions for Planting in the Open Ground.—This should be done in October and November, but they can be set out at any time as long as the ground is open and the bulbs remain sound. The best compost for their culture is the following: One-third sand, one-third well rotted cow manure and one-third good garden mould. Special care should be taken not to add any bone fertilizers, as they usually draw vermin. The beds composed of the above compost should be well dug to a depth of fourteen inches, and raised from two to four inches above the level of the walks. Care must be taken not to press the earth too firmly around and over the bulbs. After planting, rake the bed smooth, and after the ground has frozen tolerably hard in early winter cover with dry litter, leaves or coarse manure.

For Culture in Pots.—Prepare the above compost, adding, if possible, a quantity of leaf mould. The most favorable time for planting is September, October and November. The size of the pot depends on the number of bulbs planted in a single one; three bulbs in a pot of, say, six inches diameter make a rich, massive effect; one or two bulbs in each may be planted in proportionately smaller pots—two bulbs in each are very effective. When planted, water them well, then bury the pots in the open ground to the depth of six inches for eight weeks, in which condition the preparatory root growth necessary to a vigorous development of their flower spikes is made. After this period remove the pots to a cool room. Being exposed to the light for the first time care should be exercised not to place them in the direct rays of the sun for two or three days.

For Growing in Glasses.—Single varieties are the best for this purpose. Place the bulb in the glass, which should be filled with water so it touches the bottom of the bulb, place them in a cool place, in the dark, changing the water every ten days or two weeks; keep them in the dark for six to eight weeks, then remove them to the light. If then kept in a cool room they will produce very fine spikes. A small lump of charcoal prevents the water from getting foul.

MINIATURE HYACINTHS

Although this type of Hyacinths is largely grown in pans or pots for decorative purposes, their splendid qualities as bedding bulbs should not be overlooked.

Miniature Hyacinths (Continued)

If planted close together, say 4 to 6 inches apart, they produce a wonderful effect. Massed with other bulbs, as Crocus, Snowdrops, Tulips, etc., they are unsurpassed for their brilliancy. We are convinced that a trial of Miniature Hyacinths as bedding bulbs will give the greatest satisfaction.

TULIPS

For Bedding Out.—The bed should be formed of a compost similar to that recommended for Hyacinths; the bulbs should be planted about four inches apart and about five inches deep (close planting makes a much finer effect and prevents the flowers breaking off when swaying in the wind); they should then be covered with a litter shortly before the severe freezing weather sets in, and left in this condition until spring approaches.

For Pot or Pan Culture.—Plant about four bulbs in a six-inch pot or five bulbs in a six-inch pan, water thoroughly and then remove to the open ground or in a cold frame, covering with coal ashes; after they have rooted thoroughly they should be brought into a moderately cool room and gradually warmer; by bringing in a fresh supply from the outside every ten days, they can be had in bloom continually.

NARCISSUS

The double and single trumpet varieties should be planted in soil, and treated similar to Hyacinths. Chinese lilies and Paper White Narcissus, and the Polyanthus type, such as Grand Soleil d'Or, etc., etc., succeed very well if planted in water and pebbles. A small lump of charcoal prevents the water from getting foul, although changes of water are advisable.

CROCUS

A real show can be obtained from these tiny bulbs. They will bloom in a few weeks from time of planting inside. Place a few bulbs, or as many as the size of crock will warrant. In a short space of time the bulb will make a grand display. Planted out in the open ground, they bloom among the first of the spring flowers.

DISTANCES FOR PLANTING APART SOME OF THE MOST IMPORTANT BULBS OUT-DOORS

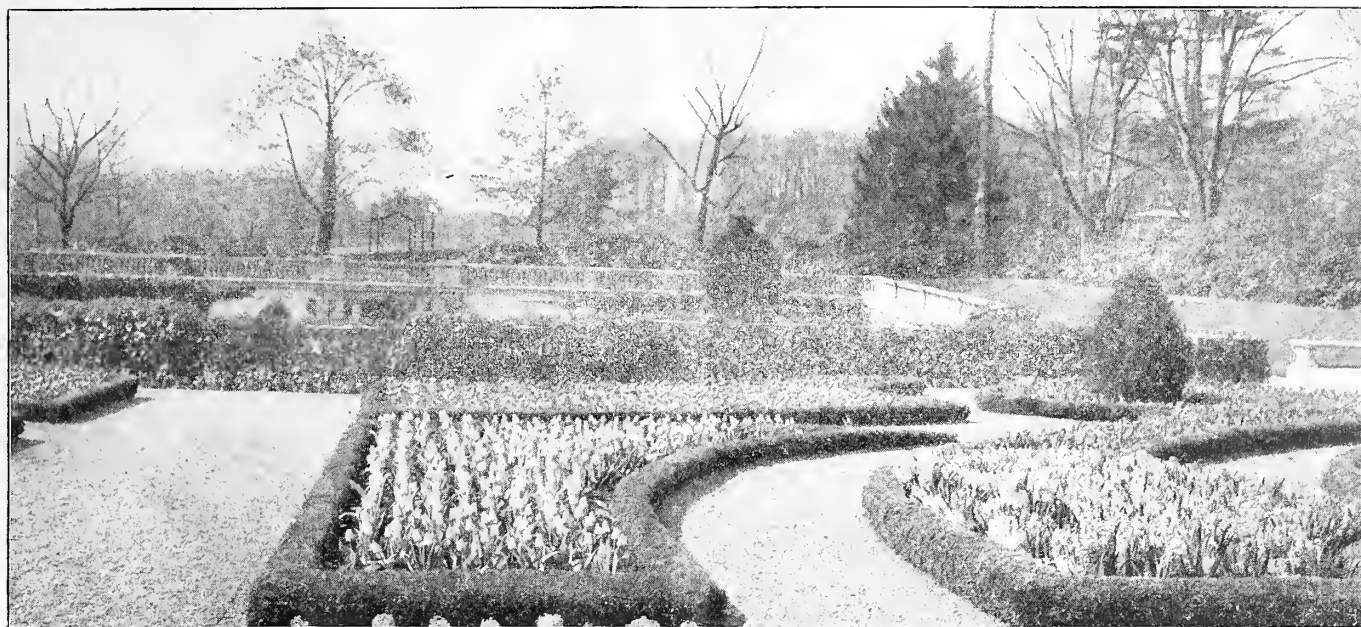
Aconite. 3 to 4 inches.
Anemone. 8 to 10 inches.
Chionodoxa. 4 to 5 inches.
Crown Imperials. 1 foot to 15 inches.
Crocus. 2 to 3 inches.
Colchicum. 6 to 8 inches.
Daffodils. 5 to 6 inches.
Dielythra. 3 to 4 feet.
Hyacinths. Bedding sorts, 5 to 6 inches.
Hyacinths (Grape). 3 to 4 inches.
Iris, Japanese. 2 to 3 feet.
Iris, Spanish. 4 to 5 inches.
Iris, English. 6 to 8 inches.
Ixias. 3 to 4 inches.
Jonquils. 3 to 4 inches.
Lilium Candidum. 1 to 2 feet.
Lilium Japan Varieties. 1 to 2 feet.
Lily of the Valley (Clumps). 1 to 2 feet.
Paeonies. 2 to 3 feet.
Ranunculus. 4 to 5 inches.
Snowdrops. 3 to 4 inches.
Scilla. 3 to 4 inches.
Sparaxis. 3 to 4 inches.
Spirea. 1 to 2 feet.
Star of Bethlehem. 5 to 6 inches.
Tulips. 4 to 6 inches.

NUMBER OF BULBS REQUIRED FOR PLANTING CIRCULAR BEDS AT DISTANCES NOTED BELOW

Oval beds require very much the same number, although we will be glad to give the exact information whenever desired, also for other sized or shaped beds.

DISTANCES FOR PLANTING APART

Diameter of Bed	3 inches apart	4 inches apart	6 inches apart	8 inches apart	10 inches apart	12 inches apart
2 feet	61	37	19	....	....	....
3 "	127	95	37	....	....	....
4 "	217	127	61	37	24	19
5 "	331	225	91	69	37	25
6 "	469	271	127	78	52	37
7 "	631	410	169	96	71	48
8 "	817	469	217	127	85	61
9 "	1027	650	271	156	110	74
10 "	1261	721	331	190	127	91
11 "	1519	940	397	240	150	110
12 "	1801	1027	469	271	169	127
13 "	2107	1280	543	318	200	150
14 "	2437	1387	631	360	240	169
15 "	2791	1670	721	420	271	200
16 "	3169	1801	817	469	318	217
17 "	3571	2140	919	543	360	240
18 "	4037	2269	1027	590	390	271
19 "	4187	2640	1141	631	420	318
20 "	4961	2791	1261	721	469	331
21 "	5459	3210	1387	785	540	360
22 "	6981	3367	1519	817	590	397
23 "	7527	3870	1659	945	625	420
24 "	8097	4037	1801	1027	670	469
25 "	8691	4325	1951	1165	721	590



A Spring flower-effect in the Italian gardens of the late Mr. P. A. B. Widener, "Lynnewood Hall," Ogontz, Pa., planted with Michell's Bulbs

Our First Size Hyacinths are of the highest quality obtainable. They are sound, plump, heavy and sure to give satisfaction. To assist customers in selecting varieties, that will bloom at the same time, we have affixed the letters E, M and L; signifying E for early sorts, M for mid-season sorts, and L for late sorts.

SINGLE FIRST SIZE HYACINTHS

	Each	Doz.	100
M—Amy. Bright carmine	\$0.15	\$1.60	\$9.50
E—British Queen. Pure white .....	.15	1.60	9.50
L—Cardinal Wiseman. Rosy pink .....	.15	1.60	9.50
M—Chas. Dickens Blue. Dark porcelain .....	.15	1.60	9.50
M—Czar Peter. Porcelain .....	.15	1.60	9.50
M—Gertrude. Bright pink .....	.15	1.60	9.50
M—Gigantea. Flesh pink .....	.15	1.60	9.50
M—Grand Maitre. Bright porcelain....	.15	1.60	9.50
L—King of Blues. Deep blue .....	.15	1.60	9.50
L—King of Yellow. Orange yellow....	.15	1.60	9.50
M—Lady Derby. Delicate pink .....	.15	1.60	9.50
M—La Grandesse. Snow white .....	.15	1.60	9.50
M—L'Innocence. Pure white .....	.15	1.60	9.50
M—Lord Derby. Porcelain blue.....	.15	1.60	9.50
M—Madame van der Hoop. Pure white..	.15	1.60	9.50
M—Moreno. Light rose .....	.15	1.60	9.50
L—Queen of the Blues. Silvery blue....	.15	1.60	9.50
E—Queen of Pinks. Brilliant pink.....	.20	2.25	12.50
L—Roi des Belges. Bright red.....	.15	1.60	9.50

DOUBLE FIRST SIZE DUTCH HYACINTHS

	Each	Doz.	100
E—Blocksberg. Light blue	\$0.15	\$1.60	\$9.50
M—Bouquet Orange. Orange yellow....	.15	1.60	9.50
M—Bouquet Tendre. Dark carmine....	.15	1.60	9.50
M—Czar Nicholas. Delicate pink.....	.15	1.60	9.50
E—Delicata. Pale blue .....	.15	1.60	9.50
E—Garrick. Blue, dark centre .....	.15	1.60	9.50
E—La Tour d'Auvergne. Pure white...	.15	1.60	9.50
M—Lord Wellington. Rich pink.....	.15	1.60	9.50
M—Prince of Waterloo. Pure white....	.15	1.60	9.50
M—Sunflower. Yellow, tinted salmon...	.15	1.60	9.50

SECOND SIZE SINGLE HYACINTHS

For bedding, the second size named Hyacinths, are ideal, on account of their flowering at one time, being all one height and uniform in appearance. They are also suitable for forcing in pots or pans.

	Each	Doz.	100	1000
E—British Queen. Pure white.....	\$0.12	\$1.25	\$7.50	\$65.00
E—Cardinal Wiseman. Rosy pink...	.12	1.25	7.50	65.00
L—Chas. Dickens. Dark porcelain..	.12	1.25	7.50	65.00
M—City of Harlem. Golden yellow..	.12	1.25	7.50	65.00
M—Czar Peter. Light yellow.....	.12	1.25	7.50	65.00
M—Gertrude. Bright pink .....	.12	1.25	7.50	65.00
E—Gigantea. Flesh pink .....	.12	1.25	7.50	65.00
M—Grand Maitre. Bright porcelain..	.12	1.25	7.50	65.00
L—King of Blues. Deep blue.....	.12	1.25	7.50	65.00
E—Lady Derby. Delicate pink.....	.12	1.25	7.50	65.00
M—La Grandesse. Pure white.....	.12	1.25	7.50	65.00
M—L'Innocence. Pure white.....	.12	1.25	7.50	65.00
M—Mad. v. der Hoop. Pure White..	.12	1.25	7.50	65.00
L—Queen of the Blues. Silvery blue	.12	1.25	7.50	65.00
L—Roi des Belges. Bright red.....	.12	1.25	7.50	65.00

SPECIAL OFFER OF NAMED BEDDING HYACINTHS

To popularize these bedding bulbs, we offer in our selection of varieties with your choice of color delivered free within 100 miles of Philadelphia. Refer to page 4 when ordering.

25 Named Hyacinths, \$1.90	50 Named Hyacinths, \$3.75
100 Named Hyacinths, 7.50	250 Named Hyacinths, 16.50
500 Named Hyacinths, 32.50	1000 Named Hyacinths, 65.00

NAMED EXHIBITION HYACINTHS

Every year we have our most reliable grower make us a selection of the largest possible Hyacinth Bulbs to be obtained. He usually scours the entire bulb-growing district of Holland to find them. In past years they've been so sought after that we rarely have enough to meet demands; so order early. We offer them in single varieties only, our selection. Price, 25c. each; doz., \$2.50; \$17.50 per 100.

MICHELL'S SUPERB HYACINTHS (Continued)

CHOICE BEDDING HYACINTHS (Unnamed)

Michell's Bedding Hyacinths are larger than those put in ordinary mixtures. They will produce fine spikes and therefore can also be used for forcing purposes. Where bedding of Hyacinths is to be done in large quantity we can particularly recommend them on account of their low cost, the length of time they remain in flower, and because of their handsome effect. Parcel post weight, 2 lbs., per dozen; per 100, 12 lbs.

SINGLE FLOWERING

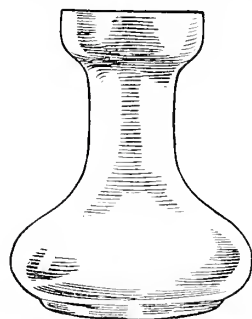
	Doz.	100	1000
Pink	\$0.80	\$4.50	\$40.00
Red .....	.80	4.50	40.00
Pure White .....	.80	4.50	40.00
Blush White .....	.80	4.50	40.00
Light Blue .....	.80	4.50	40.00
Deep Blue .....	.80	4.50	40.00
Yellow. All shades, light and dark...	.80	4.50	40.00
All Colors. Mixed .....	.80	4.50	40.00

DOUBLE FLOWERING

Red. All shades of pink and red.....	.80	4.50	40.00
Pink. All shades of pink.....	.80	4.50	40.00
Pure White .....	.80	4.50	40.00
Blue. All shades, light and dark.....	.80	4.50	40.00
Yellow .....	.80	4.50	40.00
Mixed. All Colors .....	.80	4.50	40.00

HYACINTH GLASSES (Not Mailable)

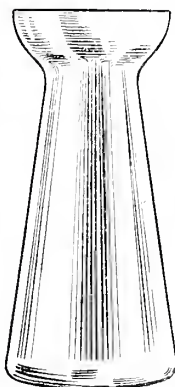
Hyacinths grow beautifully and look most decorative when grown in glasses with water. These Hyacinth glasses are specially made for this purpose.



Tye or Low Pattern

Belgian. In the following colors: Blue, green, white, 25c. each; per dozen, \$2.50.

Tye or Low Pattern. Heavier than the above style, but in the same colors. 25c. each; doz., \$2.50.



Belgian Style



Michell's Monster White Roman Hyacinths

FRENCH ROMAN HYACINTHS

French Roman Hyacinths afford a continuous supply of bloom from early winter until late in spring if planted in succession (two weeks apart). They are very fragrant.

They are easily grown in pots or pans. The bulbs, if potted in August or September, the pots plunged in the open ground for a month, until the bulbs are well rooted, and then brought in the house, they can be had in flower in November or December, and a continuous supply of these delightful flowers may be had, by bringing in a few pots or pans of the rooted bulbs at intervals of about 2 weeks. The bulbs should be planted quite close together, a 6-inch pot or pan will be sufficiently large enough for six bulbs. They are not hardy and are not suitable for outdoor planting.

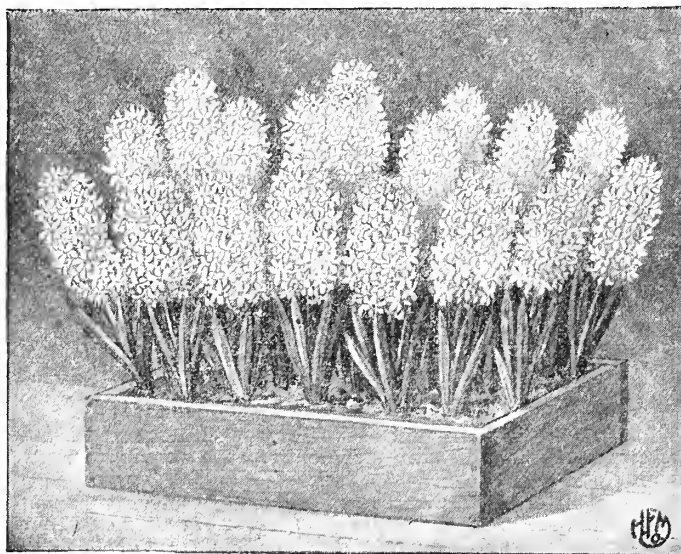
	Each	Doz.	100	1000
White, selected, size 11-12 cm.....	\$0.10	\$1.00	\$6.00	\$50.00
White, Extra select, size 12-15 cm...	.12	1.20	7.00	60.00
White, Mammoth, 13-15 cm.....	.15	1.30	7.50	65.00
White, Monster, 15 cm. and over....	.20	1.60	9.00	80.00
Light Pink .....	.10	1.00	6.00	50.00
Light Blue .....	.10	1.00	6.00	50.00
White Italian. Late; large spikes...	.10	1.00	6.00	50.00

Parcel post weight, 1 lb. per doz.; per 100, 8 lbs.

MINIATURE OR PAN HYACINTHS

Largely grown in pans for window decoration, etc. The trusses are magnificent and almost as large as the regular hyacinths. P. P. W., 1 lb. per doz.; 100, 8 lbs.

	Doz.	100	1000
Gertrude. Deep pink	\$0.65	\$3.75	\$32.50
Gigantea. Light pink .....	.65	3.75	32.50
Grand Maitre. Bright blue .....	.65	3.75	32.50
King of the Blues. Deep blue.....	.65	3.75	32.50
La Grandesse. Pure white .....	.65	3.75	32.50
Roi des Belges. Fine deep crimson....	.65	3.75	32.50
Yellow Hammer. Pure yellow.....	.65	3.75	32.50



Miniature or Pan Hyacinths

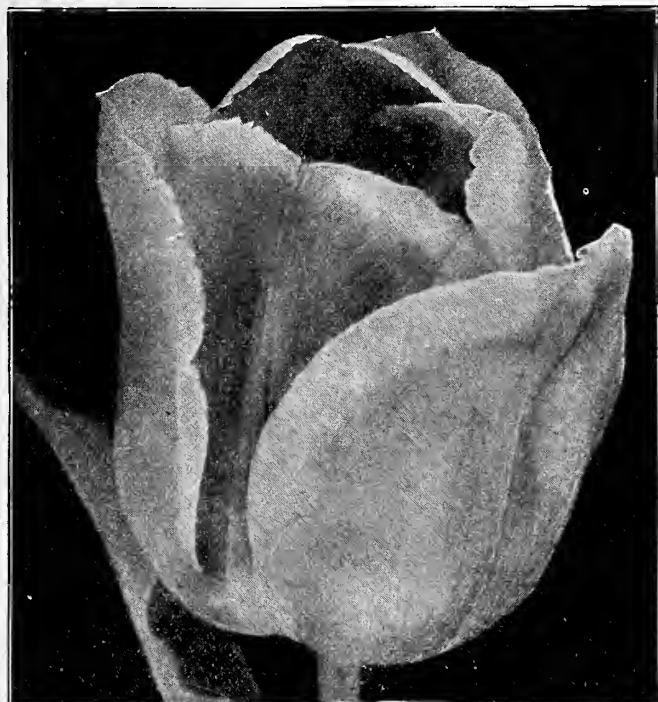
6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates

(ht)

MICHELL'S SINGLE EARLY TULIPS—For Forcing and Bedding

5

To assist customers in making selections, we have affixed in front of the varieties denoting the approximate height where grown under the same conditions; also one of the following letters: V, E, M, L, to indicate the comparative blooming time, so that such sorts as flower together may be easily selected. V means very early; E means early; M means mid-season; L means late.



Early Single Show Tulip, "Pink Beauty"

Inches High	Doz.	100	1000
10 M Artus. Bright scarlet, for bedding..	\$0.40	\$2.50	\$20.00
10 M Belle Alliance. Brilliant scarlet, for either forcing or bedding....	.50	3.00	25.00
12 M Couleur de Cardinal. Bronze scarlet, excellent for forcing or bedding .....	.75	4.25	37.50
9 M Crimson King. Crimson red, good for bedding or forcing .....	.40	2.50	21.00
7 E Duc Van Tholl, Cochineal. A most brilliant color; for forcing or bedding; very early .....	.80	4.50	38.00
7 V Duc Van Tholl. Scarlet, for forcing or bedding .....	.45	2.75	22.00
12 E Pottebakker. Scarlet for bedding..	.45	2.75	22.50
14 M Prince of Austria. Orange scarlet, for either forcing or bedding...	.45	2.75	22.50
12 M Vermilion Brilliant. The richest scarlet for forcing or bedding..	.75	4.25	37.50
Unnamed Red in all shades.....	.30	1.80	16.00

PINK VARIETIES

8 M Cottage Maid. Pink and white, a beautiful combination .....	.40	2.50	21.00
12 M Flamingo (Pink Hawk). Fine forcer .....	.90	5.00	45.00
12 E Pink Beauty. The most superb and largest pink Tulip in existence..	.70	4.00	35.00
13 E Proserpine. Glossy pink, very large, forces early, excellent for bedding .....	.75	4.25	37.50
11 M Rose Griselin. Delicate rose, flushed white, for forcing or bedding..	.45	2.75	22.50
11 M Rose Luisante. Brilliant deep pink, large flower for forcing and bedding .....	.60	3.50	28.50
Unnamed Pink in all shades.....	.30	1.80	16.00

If wanted per Parcel Post, please add postage as per Zone rate. Weight of Single Early Tulips, packed 1 lb. per dozen; per 100, 5 lbs.

Inches High	Doz.	100	1000
9 E Joost Van Vondel, White (Lady Bo-reel). A real exhibition variety	\$0.60	\$3.50	\$30.00
12 M La Reine. Pure white, at times it shows a delicate shade of pink..	.40	2.50	21.00
12 E Pottebakker White. Pure white, for bedding .....	.45	2.75	22.50
10 M White Hawk (Albion). Pure white, for forcing and bedding.....	.50	3.00	25.00
Unnamed white varieties.....	.30	1.80	16.00

VARIEGATED OR TWO COLORED VARIETIES

13 M Duchesse de Parma. Orange scarlet, suffused yellow edge; for bedding	\$0.40	\$2.50	\$21.00
15 M Kaiserkroon. Brilliant red with distinct wide golden border; for either forcing or bedding.....	.50	3.00	25.00

YELLOW VARIETIES

12 M Chrysolora. Golden yellow, for bedding; this is one of the best....	\$0.40	\$2.50	\$20.00
9 E King of Yellows. Deep golden yellow .....	.55	3.25	27.50
12 E Pottebakker Yellow. For bedding only .....	.55	3.25	27.50
14 M Rising Sun. Deep golden yellow. Fine for forcing or bedding....	3.25	22.50	.....
10 M Yellow Prince. Golden yellow....	.40	2.50	21.00
Unnamed, all Shades of Yellow...	.30	1.80	16.00

VIOLET OR BLUE VARIETIES

12 M Wouwerman. Purple violet50	3.25	27.50
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SINGLE UNNAMED TULIPS (For Bedding only)

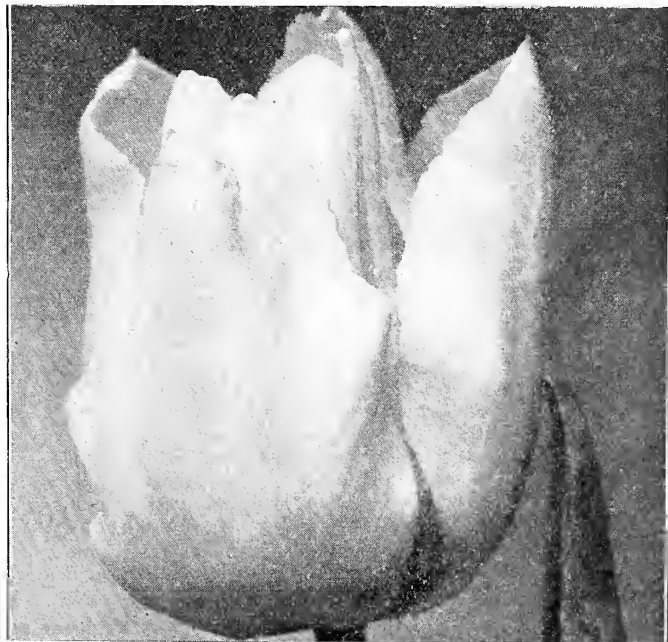
These make a fine effect where a solid color is desired, and their cost is not so much as the named varieties, although the colors are made up from the named sorts.

Pink in all shades	\$0.30	\$1.80	\$16.00
Red in all shades .....	.30	1.80	16.00
White in all shades .....	.30	1.80	16.00
Yellow in all shades .....	.30	1.80	16.00

SINGLE EARLY TULIPS IN MIXTURE

Our mixtures of Tulips have long been noted for their brilliancy, proper blending and variety of color.

Fine Quality, all colors	Doz.	100	1000
Superfine Quality, all colors.....	\$0.30	\$1.75	\$15.00
	.30	1.80	16.00



Early Single Tulip, "Joost Van Vondel," White

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates

(ht)

DARWIN TULIPS

"Darwins" are a class of Tulips which flower long after the other Tulips have bloomed. The gigantic flower cups are borne on straight, stout stems, which rise far above a broad foliage and which commonly attain a height of 2 to 3 feet. For massing, bedding or border planting the Darwins are hard to equal. For pot culture they are splendid and are just the ideal Tulip to grow for Easter. The varieties marked with an asterisk (*) are most adapted for the latter purpose.

- *20 **Clara Butt.** Delicate salmon pink. Its perfect shape and lovely color make it a real beauty. It is a good bedder and a splendid forcer. 50c. per doz.; per 100, \$2.75; \$22.50 per 1000.
- 26 **Dream.** This is a beautiful shade of lilac. The flower is gigantic and this variety is one that should be included in every collection of Darwin Tulips. A very distinct and handsome Tulip of large size and shapely form. Superb for borders. This variety attracted great admiration in our annual Tulip Show last spring. Per doz., 50c.; \$3.00 per 100; per 1000, \$25.00.
- *24 **Mr. Farncombe Sanders.** Brilliant scarlet, with a white centre. Giant flowering. One of the showiest of all Darwins. Good forcer. 50c. per doz.; per 100, \$3.00; \$25.00 per 1000.
- 23 **Glow.** Scarlet, margined white, blue centre. 50c. per doz.; per 100, \$3.00; \$25.00 per 1000.
- 28 **Madame Krelage.** Bright lilac-rose, margined pale silvery pink, inside is a soft rose pink, very large flower of beautiful form. Per doz., 50c.; \$3.00 per 100; per 1000, \$25.00.
- *20 **Gretchen.** A most attractive variety of a soft salmon-rose color. Splendid for cutting. Good bedder and excellent forcer. 40c. per doz.; per 100, \$2.50; \$20.00 per 1000.
- *16 **Inglescombe Yellow** (the Yellow Darwin). A large, globular, canary-yellow flower. A very popular variety, suitable for bedding or forcing. 65c. per doz.; per 100, \$4.50; \$37.50 per 1000.
- 25 **La Tulipe Noire** (the black Tulip). Deep purple maroon, almost glittering black. Per doz., 75c.; \$5.00 per 100; per 1000, \$42.00.
- ***Loveliness.** Soft rosy carmine, margined blush; good forcer. 50c. per doz.; per 100, \$3.00; \$22.50 per 1000.
- 26 **May Queen.** Soft rose. Very large flower. Splendid bedding variety. 50c. per doz.; per 100, \$3.00; \$22.50 per 1000.
- 22 **Nora Ware.** Dainty silvery lilac, shaded bronze; white base. Flowers are very large, on stiff stems, making it an ideal variety for cutting. 45c. per doz.; per 100, \$3.00; \$25.00 per 1000.
- *24 **Pride of Haarlem.** Brilliant rosy carmine. This is one of the most popular varieties of Darwin. The size of the flowers is immense, having usually more than six petals, giving them the appearance of Double Tulips. Excellent forcer. 50c. per doz.; per 100, \$3.00; \$25.00 per 1000.
- *20 **Rev. H. Ewbank.** Light heliotrope. Rather dwarf variety; a splendid bedder. For forcing we recommend this variety very strongly, as it stands forcing splendidly and produces large flowers of a very pleasing color. 50c. per doz.; per 100, \$3.00; \$25.00 per 1000.
- 24 **Sultan.** Very dark maroon, almost black. Undoubtedly the best of the dark varieties. The strong stems hold the flowers erect and make it an excellent bedder. 40c. per doz.; per 100, \$2.50; \$22.50 per 1000.
- 22 **White Queen.** Can be called the only white Darwin. It opens rosy white, but passes off pure white. One of the most popular varieties. 40c. per doz.; per 100, \$2.50; \$22.50 per 1000.
- 24 **William Pitt.** Brilliant carmine. One of the largest and grandest of the Darwins. Its perfect shape and lovely color rival with each other to make it a real beauty. 50c. per doz.; per 100, \$3.00; \$25.00 per 1000.
- Darwin mixed, all colors.** A great variety of all colors and shades. 30c. per doz.; per 100, \$1.75; \$14.00 per 1000.



Late Tulip Picotee

COTTAGE GARDEN OR LATE TULIPS

Nothing in horticulture has received so much comment in late years as the late flowering tulips. They well deserve the popularity they have gained, for no other of the spring flowering bulbs can approach them for brilliancy, beauty and usefulness. For planting in beds, massing the perennial border or planting in clumps they are ideal. (All Single except where noted.)

	Doz.	100	1000
10 Blue Flag (Double). Rich violet blue.	\$0.80	\$4.50	\$42.50
18 Bouton d'Or (Ida). Golden yellow...	.40	2.50	20.00
24 Gesneriana Spathulata . Rich scarlet, blue-black centre .....	.40	2.40	18.50
24 Gesneriana Rosea . Rich, rosy carmine	.45	2.75	22.50
24 Gesneriana Lutea . Rich yellow .....	.40	2.40	18.50
18 Golden Crown . Pure yellow, with narrow red margin .....	.40	2.50	20.00
16 Inglescombe Scarlet . Brilliant vermilion, with a black centre .....	.50	3.25	27.50
16 Inglescombe Pink . Salmon pink .....	.40	2.50	20.00
16 Inglescombe Yellow . Bright yellow..	.65	4.50	37.50
24 Moonlight . Exquisite canary yellow.	.90	5.00	45.00
20 Picotee (Maiden's Blush). White, with distinct edged border .....	.40	2.50	20.00
15 Royal White . Pure white, very fine..	.70	4.00	35.00
12 Sarah Bernhardt (Hobbema or Le Reve). Exquisite soft rose	1.10	6.50	55.00
May Flowering Tulips (Single). Mixed	.40	2.40	17.50

PARROT OR DRAGON TULIPS

They are curiously curled and crested. They are fine for bedding and border planting, also useful as a cut flower. Constantinople. Orange scarlet, with black markings in centre.

Lutea Major. Very large, bright yellow.

Markgraaf of Baden. Large yellow, striped scarlet and green. Price of any of the above-named Parrot Tulips, 4c. each; 40c. doz.; per 100, \$2.40; \$18.50 per 1000.

Mixed in all colors. This mixture is carefully blended and contains only the choicest sorts. Each, 4c.; doz., 35c.; \$2.00 per 100; per 1000, \$17.50.

MICHELL'S EARLY DOUBLE TULIPS

7

Double Tulips are used very extensively for forcing, but are equally valuable for bedding purposes. They remain in flower longer than do the single sorts on account of their substance, although they do not make quite as fine a show. They should not be planted in beds with single tulips, as they do not bloom as early as the single sorts. The number prefixed before the variety denotes the approximate height.

	Doz.	100	1000
10 Couronne d'Or. A handsome rich yellow variety; grand forcer	\$0.75	\$4.00	\$35.00
10 Couronne des Roses. Bright pink; early forcer .....	.60	3.50	32.00
9 Imperator Rubrorum. Brilliant scarlet; especially adapted to forcing; also fine for bedding .....	.60	3.50	32.50
8 La Candeur. Very large, pure white; for forcing or bedding .....	.45	2.75	22.50
7 Murillo. A very large pink sort, suffused with white; one of the best forcers...	.45	2.75	22.50
8 Salvator Rosa. An improvement on Murillo, which it very much resembles; grand forcer .....	.60	3.50	28.50
9 Tea Rose (Saffrano or Yellow Murillo). Salmon yellow; exquisite variety; excellent for forcing or bedding .....	.80	4.50	37.50
8 Toreador (New). A handsome rich orange; a grand forcing variety .....	.90	5.00	45.00
8 Rubra Maxima. Dazzling scarlet; good bedder and splendid early forcer.....	.50	3.00	25.00
8 Tournesol. Red and yellow; for forcing and bedding..	.60	3.50	32.00
8 Tournesol. Pure deep yellow; forces readily and is most desirable for cutting or pan culture .....	.60	3.50	32.00



Double Tulip—Salvator Rosa

DOUBLE UNNAMED TULIPS

(Separate Colors)

These are very valuable for solid color bedding where no particular design is to be carried into effect and where expense is considered. At the low price offered anyone can afford them and thus avoid mixtures. They will bloom evenly and make a fine show. Not suitable for forcing.

	Doz.	100	1000
Pink, in all shades	\$0.40	\$2.50	\$20.00
Red, in all shades .....	.40	2.50	20.00
White, in all shades .....	.40	2.50	20.00
Yellow, in all shades .....	.40	2.50	20.00

MICHELL'S EARLY DOUBLE MIXED TULIPS

These mixtures are carefully blended with the choicest varieties taken from the named sorts. The bulbs are selected for size, and the mixture will produce a grand array of colors.

	Doz.	100	1000
Fine Quality	\$0.35	\$2.25	\$17.50
Superfine Quality .....	.40	2.40	18.50

TESTIMONIALS ON MICHELL'S BULBS

Shiremanstown, Pa.

Bulbs I purchased from you last year did splendidly. I hope to order considerably more this year.

GEO. H. RUPP.

Bausman, Pa.

The bulbs received from you were excellent—could not have asked for anything better. As to your business methods, they are certainly O. K.

CHAS. E. BROOK.

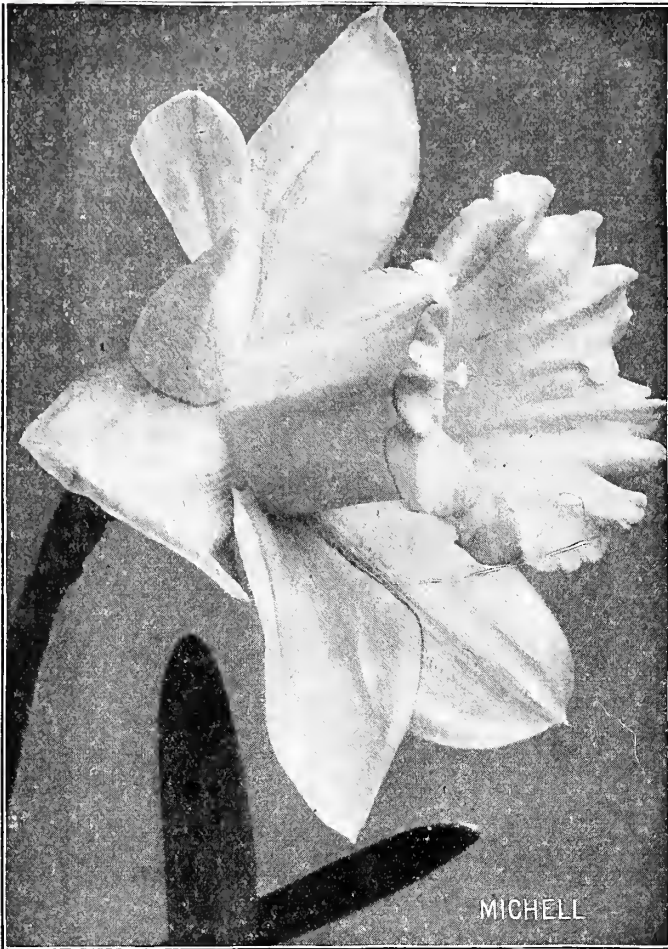


Double Tulip—Couronne d'Or

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates

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MICHELL'S SUPERB NARCISSUS OR DAFFODILS



Single Narcissus Emperor

Height
in inches

GIANT TRUMPET VARIETIES

- 12 F **Bicolor Grandee**. Immense flowers; white broad perianth, beautiful yellow trumpet with frilled edge; one of the best for garden planting or forcing; very late. 8c. each; doz., 75c.; \$4.25 per 100; per 1000, \$37.50.
- 18 F **Bicolor Victoria**. An enormous flower of tremendous substance, robust habit; trumpet rich golden yellow, beautifully fluted; perianth creamy white, very broad; early.
- | | | | | |
|---------------------|--------|--------|--------|---------|
| | Each | Doz. | 100 | 1000 |
| Large Bulbs | \$0.08 | \$0.70 | \$3.75 | \$35.00 |
| Monster Bulbs | .10 | .90 | 5.00 | 45.00 |
- 18 F **Emperor**. One of the best Narcissus in cultivation, for either outdoor or indoor culture. Entire flower is pure golden yellow. Both perianth and trumpet are very massive; mid-season.
- | | | | | |
|---------------------|--------|--------|--------|---------|
| | Each | Doz. | 100 | 1000 |
| Large Bulbs | \$0.08 | \$0.70 | \$3.75 | \$35.00 |
| Monster Bulbs | .10 | .80 | 4.50 | 40.00 |
- 18 F **Empress**. This variety tallies exactly with the foregoing sort, except that the perianth is pure white and the trumpet golden yellow, making the flower extremely attractive; mid-season.
- | | | | | |
|---------------------|--------|--------|--------|---------|
| | Each | Doz. | 100 | 1000 |
| Large Bulbs | \$0.08 | \$0.70 | \$3.75 | \$35.00 |
| Monster Bulbs | .10 | .80 | 4.50 | 40.00 |

A BOOK ON DAFFODILS (Narcissus)

The culture of these beautiful flowers complete in detail. Price, postpaid, \$1.10.

Special Offer. For a bulb order amounting to \$20.00 or more and accompanied by remittance, we will include this interesting book free.

No garden is complete without the Narcissus and Jonquils, and they really deserve the foremost place among bulbous flowers. They are perfectly hardy and increase from year to year. As a house bulb in winter they are indispensable, as their culture is of the easiest possible.

Note.—In describing Narcissus, Daffodils, etc., by “perianth” we mean the flower petals surrounding the cup or funnel; “Cup” refers to a short cup-like formation in place of the funnel. “Trumpets” is a word applied to the centre tube or funnel; to assist customers in making a selection we have affixed the height and time of flowering; the height in inches is denoted by figures; F indicates that a variety is suited for planting indoors for winter blooming.

Height
in inches

GIANT TRUMPET VARIETIES

- 15 F **Giant Princeps**. Extensively used for naturalizing; one of the best forcing sorts, being very early; perianth sulphur yellow, trumpet rich yellow. 6c. each; doz., 50c.; \$2.75 per 100; per 1000, \$23.00.

- 14 F **Glory of Leiden**. Immense flowers of majestic appearance; very long fluted trumpet, rich golden yellow; the perianth petals are very broad, overlapping each other gracefully. Each, 12c.; \$1.00 per doz.; per 100, \$7.00.

- 18 F **Golden Spur**. A large striking variety of wonderful robust growth, unusually good for garden culture or forcing, very early and blooms freely; the entire flower is pure golden yellow, from which it derives its name.

	Each	Doz.	100	1000
Large bulbs (Dutch).....	\$0.06	\$0.60	\$3.50	\$32.00
Monster bulbs (Dutch).....	.07	.70	5.00	40.00

- Golden Spur (Extra Early Forcing Strain)**. Desirable for Christmas and New Year's flowering indoors.

	Each	Doz.	100	1000
Monster size	\$0.10	\$1.00	\$6.00	\$50.00

- 18 F **Henry Irving**. Perianth and trumpet are pure yellow; peculiarly adapted for border planting or naturalizing as well as for forcing; very early. 5c. each; doz., 35c.; \$4.00 per 100; per 1000, \$35.00.

- 18 **King Alfred**. One of the finest pure yellow Narcissus in cultivation. The gigantic flowers are of intense golden yellow color; the trumpet is large and open with a deep filled edge. 60c. each; doz., \$6.00; per 100, \$42.50.

- 16 F **Madame de Graaff**. The best and largest of the pure white trumpet daffodils. When it first comes into flower it shows creamy white, changing to pure white as the flower matures; late. Each, 15c.; \$1.20 per doz.; per 100, \$7.00.

- Sir Watkin (Giant Chalice Flower)**. The flower is probably the largest in its class, measuring often 5 inches across; for moderate forcing as well as bedding on a large scale; it is pleasing and very free-flowering; perianth lemon yellow, cup or crown deep yellow; very early. 10c. each; doz., 70c.; \$4.00 per 100; per 1000, \$35.00.

- 15 F **Trumpet Major**. One of the best varieties for forcing or outdoor massing; both trumpet and perianth deep golden yellow; very early.

Dutch-grown bulbs for out-	Each	Doz.	100	1000
doors and forcing.....	\$0.05	\$0.45	\$2.75	\$22.50

- Trumpet Major (Christmas Flowering)**. French-grown, for early forcing; produces medium-sized flowers with long stems.

	Each	Doz.	100	1000
Mammoth bulbs	\$0.06	\$0.50	\$3.00	\$25.00

If wanted by Parcel Post, remit the zone rate. Weight per doz., 2 lbs.; 12 lbs. per 100

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Narcissus Poeticus Ornatus (Natural Size)

THE OLD-FASHIONED POET'S NARCISSUS

This class is noted for its hardiness and freedom of bloom. It is one of the most popular types, used extensively for wild gardening and naturalizing. They are quite fragrant and are splendid for cut flowers.

Height
in inches

15 F **King Edward VII (Almira)**. An improved type, having magnificent large flowers with broad, round petals, a glistening white, and the yellow cup is edged deep red; a very early flowering variety. 7c. each; doz., 60c.; \$3.75 per 100; per 1000, \$32.50.

24 F **Poetaz Elvira**. This remarkable novelty is the result of a cross between the Pheasant Eye and the Polyanthus Narcissus, combining hardiness with the cluster flowering effect. The blooms which are pure white of remarkable substance and delicate yellow cup never come less than 3 to 4 to a long stem and from 2 to 3 stems are produced from a single bulb. The fragrance is distinct, resembling that of a Gardenia. It forces well and early. Each, 6c.; 60c. doz.; per 100, \$3.50; \$27.00 per 1000.

12 **Poeticus Ornatus**. A much improved form of the ordinary Poeticus, producing larger flowers and blooming two weeks earlier; especially adapted for forcing; mid-season.

	Each	Doz.	100	1000
First-size Bulbs	\$0.04	\$0.35	\$2.00	\$15.00
Mammoth Bulbs .....	.05	.40	2.25	18.00

HARDY NARCISSUS IN MIXTURE

For massing in borders, fields, woods and, in fact, anywhere, they more than return their cost in the liberal manner in which they flower, producing a wide range of color and variety of bloom. We offer large size bulbs only, which can be depended upon for results the first season.

Single Varieties. 35c. per doz.; per 100, \$2.25; \$18.50 per 1000.

Double Varieties. 35c. per doz.; per 100, \$2.25; \$18.50 per 1000.

POLYANTHUS NARCISSUS

This class of Narcissus is a most interesting one. They may be grown in water and pebbles like Chinese lilies, but they are equally suited for growing in soil. The flowers are produced in clusters, like the illustration, and they are delightfully fragrant. Not suitable for outdoors. Parcel Post Weight of Polyanthus Narcissus, 2 lbs., per doz., per 100, 12 lbs.

Double Roman. White perianth, with an orange and yellow suffused cup very free flowering and early. 4c. each; per doz., 35c.; \$2.00 per 100; per 1000, \$17.50.

Gloriosa. A very showy type, with white perianth and orange yellow cup; very pretty. 10c. each; per doz., 80c.; \$4.50 per 100; per 1000, \$40.00.

Grand Monarque. Large, broad, white perianth with a primrose-yellow cup; a very striking flower. 6c. each; per doz., 50c.; \$3.25 per 100; per 1000, \$27.50.

Grand Primo. Large white perianth with yellow cup. 6c. each; per doz., 50c.; \$3.25 per 100; per 1000, \$27.50.

Grand Soleil d'Or (often called "Yellow Paperwhite"). Rich yellow, with deep red cup. For cutting this is a fine variety, as it makes a grand show. 10c. each; per doz., \$1.00; \$7.50 per 100.

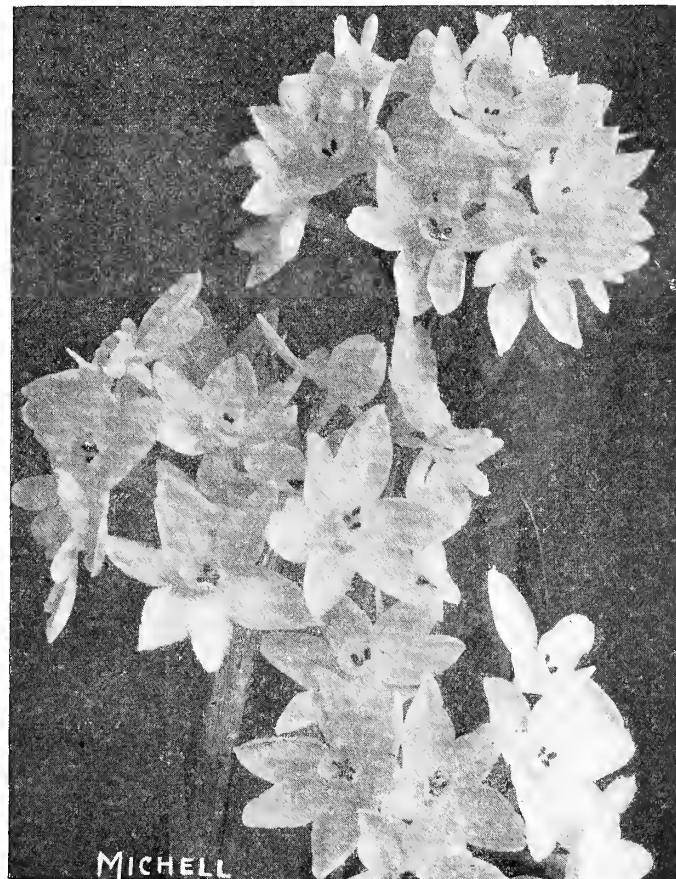
Paper White Grandiflora, First Size Bulbs. This is quite a specialty with us; of it alone we import over one million bulbs. It is a pure white flowering sort; used extensively for forcing, as it can be brought into bloom in 8 weeks' time; the stems are very long and it is excellent for bunching, 6c. each; per doz., 50c.; \$3.00 per 100; per 1000, \$27.50.

Paper White Grandiflora, Mammoth Bulbs. 8c. each; per doz., 70c.; \$4.00 per 100; per 1000, \$35.00.

Paper White Grandiflora, Giant Bulbs. 10c. each; doz., 75c.; \$5.00 per 100; per 1000, \$42.50.

White Pearl. A large pure white; very exquisite. 10c. each; per doz., 80c.; \$4.75 per 100; per 1000, \$42.50.

Polyanthus Narcissus, Mixed. All colors and varieties. 6c. each; per doz., 50c.; \$3.25 per 100; per 1000, \$27.50.



Narcissus Paper White Grandiflora

Michell's Superb Narcissus or Daffodils and Jonquils

DOUBLE NARCISSUS

Many varieties of Double Narcissus can be used for forcing, for which purpose they are highly desirable. Plant in a pan or pot anywhere from 3 to 12 bulbs, according to size of bulb. We offer large bulbs only. Parcel Post Weight of Double Narcissus, 1¼ lbs. per dozen; per 100, 10 lbs. Single bulbs mailed free.

Alba Plena Odorata. A very sweet-scented pure white variety called Double Poet's Narcissus; it flowers later than many of the other daffodils, and is not desirable for forcing; height about 15 inches. 5c. each; per doz., 40c.; \$2.50 per 100; \$18.50 per 1000.

Double Jonquils (Sweet Scented). Pure golden yellow; deliciously fragrant. Clumps of these planted outdoors make a beautiful effect. Height, 12 inches. 5c. each; doz., 40c.; \$2.50 per 100; per 1000, \$20.00.

Incomparable Double. On account of the peculiar suffusion of the colors in the flower, this variety is also known as "Butter and Eggs." The color is yellow and orange, and makes an attractive cut bloom. Its greatest value is for outdoor planting, as it does not force so well. Height about 16 inches. 6c. each; per doz., 60c.; \$3.50 per 100; per 1000, \$28.00.

Orange Phoenix. Light yellow, almost white, with a yellow centre. It is splendid for forcing or pot culture. It is also called "Eggs and Bacon." Height, 16 inches. 5c. each; per doz., 50c.; \$3.00 per 100; per 1000, \$25.00.

Sulphur (or Silver) Phoenix. Flowers very large, blush-white; the centre is sulphur colored; excellent for forcing or outdoor planting. Height about 18 inches. 5c. each; per doz., 50c.; \$3.00 per 100; per 1000, \$25.00.

Von Sion (Telamónius Plenus). The true double daffodil. The color is a pure golden yellow, entirely free from green-tipped flowers, which are often found in cheap grades. For forcing or outdoor planting it has no equal. It should be planted extensively for naturalizing.

	Each	Doz.	100	1000
First Size Bulbs	\$0.06	\$0.60	\$3.50	\$28.00
Mammoth Size Bulbs.....	.08	.70	4.50	40.00

Monster Bulbs, producing three or more flowers per bulb. 10c. each; per doz., \$1.00; \$6.00 per 100; per 1000, \$50.00.

DOUBLE NARCISSUS (Continued)

Double Mixed Narcissus. All shades, varieties and colors. 5c. each; per doz., 35c.; \$2.25 per 100; per 1000, \$18.50.



SWEET SCENTED JONQUILS

These delightful flowers are especially graceful when grown in pans or pots, but do equally well outdoors. The slender foliage stalks enhance a most fragrant flower borne in clusters of 2 to 4.

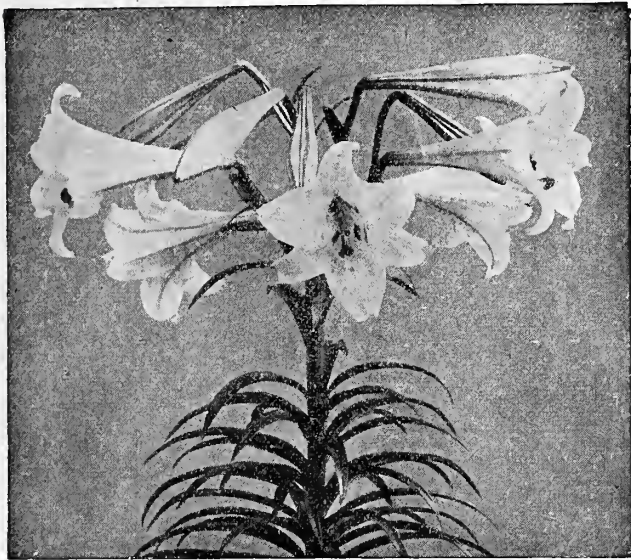
Single Jonquils. Rich yellow, very fragrant, height 12 inches. 3c. each; per doz., 25c.; \$1.25 per 100; per 1000, \$10.00.

Double Jonquils. Flowers very double, deep golden-yellow, height 12 inches. 5c. each; per doz., 40c.; \$2.50 per 100; per 1000, \$20.00.

Campernelle. Single yellow; a grand forcer. 3c. each; per doz., 25c.; \$1.50 per 100; per 1000, \$11.00.

Campernelle Rugulosus. Single yellow; larger than the plain Campernelle. 4c. each; per doz., 30c.; \$1.75 per 100; per 1000, \$16.00.

Parcel Post Weight of Jonquils, ½ lb. per doz.; per 100, 3 lbs.



Michell's Superb Easter Lilies

MICHELL'S "SPECIAL BRAND" LILIUM HARRISII (True Bermuda Easter Lily.)

Noted for freedom from disease, uniformity and free flowering qualities.

Size in circum.	P. P. Wt. per doz.	Each	Doz.	100
6 to 7 inches	3 lbs.	\$0.30	\$3.00	\$20.00
7 to 9 inches	3½ lbs.	.40	4.00	25.00
9 to 11 inches	5 lbs.	1.00	10.00	75.00

LILIUM FORMOSUM

(The Formosa Easter Lily)

Similar to the Bermuda Lily, but blooms earlier

DARK-STEMMED TYPE

Flowering generally in March and April

	Weight per doz.	Each	Doz.	100
7 to 9 inches circum.	3½ lbs.	\$0.25	\$2.25	\$15.00
9 to 10 inches circum.	5 lbs.	.30	3.00	20.00
10 to 12 inches circum.	7 lbs.	.50	5.00	37.50
Monster Bulbs	9 lbs.	1.00	10.00	

GREEN-STEMMED TYPE

Flowering generally in January, February and March

	Weight per doz.	Each	Doz.	100
6 to 8 inches circum.	2½ lbs.	\$0.15	\$1.50	\$8.00
7 to 9 inches circum.	3½ lbs.	.20	2.25	13.50
9 to 10 inches circum.	5 lbs.	.30	2.75	17.50
10 to 12 inches circum.	7 lbs.	.50	3.00	22.50
Monster Bulbs	9 lbs.	.75	7.50	

LILIUM LONGIFLORUM MULTIFLORUM

Michell's Special Brand. Ready in October

This brand must not be compared with lower priced bulbs, as it is a distinct selection.

	P. P. Wt. per doz.	Each	Doz.	100
7 to 9 inches	3½ lbs.	\$0.20	\$2.00	\$12.00
8 to 10 inches	4 lbs.	.25	2.25	15.00
9 to 10 inches	5 lbs.	.30	2.75	17.50
Monster Bulbs	7 lbs.	.75	7.50	

LILIUM LONGIFLORUM GIGANTEUM (True)

	Weight per doz.	Each	Doz.	100
6 to 8 inches	2½ lbs.	\$0.12	\$1.25	\$7.50
7 to 9 inches	3½ lbs.	.20	2.00	12.00
9 to 10 inches	5 lbs.	.25	2.50	17.50
Monster Bulbs, 10 to 12 ins.	7 lbs.	.75	7.50	

JAPANESE LILIES (Hardy)

Auratum (Golden Banded Lily from Japan). Pure white, spotted crimson; each petal is marked with a band of yellow.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circ.	\$0.20	\$2.00	\$12.50
Mammoth Bulbs, 9 to 11 inch circ.	.30	3.00	17.50
Monster Bulbs, 11 to 13 inch circ.	.40	4.00	25.00

Melpomene. Rich deep pink, spotted dark red; very fragrant; height, 3½ feet; flowers in August.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circ.	\$0.20	\$2.00	\$12.50
Mammoth Bulbs, 9 to 11 inch circ.	.30	3.00	17.50
Monster Bulbs, 11 to 13 inch circ.	.40	4.00	25.00

Speciosum Album. The best flowering pure white hardy garden lily, of easy culture. Height, 4 feet; blooms August and September.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circ.	\$0.25	\$2.50	\$15.00
Mammoth Bulbs, 9 to 11 inch circ.	.35	3.50	20.00
Monster Bulbs, 11 to 13 inch circ.	.40	4.00	25.00

Speciosum Magnificum. An enormous flower rich deep pink, spotted crimson; height, 3 feet; flowers in August.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circ.	\$0.20	\$2.00	\$12.50
Mammoth Bulbs, 9 to 11 inch circ.	.30	3.00	17.50
Monster Bulbs, 11 to 13 inch circ.	.40	4.00	25.00

Speciosum Rubrum or Roseum. Delicate pink, almost white, spotted red; height, 3 feet; August and September.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circ.	\$0.20	\$2.00	\$12.50
Mammoth Bulbs, 9 to 11 inch circ.	.30	3.00	17.50
Monster Bulbs, 11 to 13 inch circ.	.40	4.00	25.00

Batemani. Apricot colored; 3 feet; July

Brownii. One of the most beautiful Lilies; pure white inside, outside brown, purple

Krameri. Blush pink; 3 feet; August...

Macranthum. Giant Golden-banded Lily...

Rubro-Vittatum. Spotted, purplish crimson. One of the finest of this class...

Wittei. Fragrant; white with yellow band

OLD-FASHIONED TIGER LILIES

Splendens (Single). Mammoth bulbs, 10c. each; doz., \$1.00; \$7.50 per 100.

Double. 15c. each; doz., \$1.50; \$10.00 per 100.

LILIUM REGALE (Myriophyllum)

Hardy; also splendid for forcing, white suffused pink, shaded canary yellow; fragrant. \$1.00 each; doz., \$10.00.

AMERICAN OR NATIVE LILIES

Canadense (Canadian Bellflower Lily).

Bright yellow bell-shaped flowers; spotted black inside; June and July; 2 feet.

Canadense Rubrum. Crimson, spotted

black .30 3.00 17.50

Elegans, Leonard Joerg. Apricot pink... .20 2.00 12.50

Hansoni. Often grows from 3 to 5 feet.

high, flowers reddish orange, 8 to 12 in

a cluster; petals thick and durable... .75 7.50 50.00

Henryi (New and Rare). Tall grower,

often 7 feet; orange yellow... .75 7.50

Superbum (Turk's Cap Lily). Brilliant

orange red flowers .20 2.00 12.50

Tenuifolium (Coral Lily). Brilliant scar-

let, bell-shaped flowers .20 2.00 12.50

Umbellatum. A showy, massive lily, with

orange scarlet flowers .20 2.00 12.50

LILIUM CANDIDUM

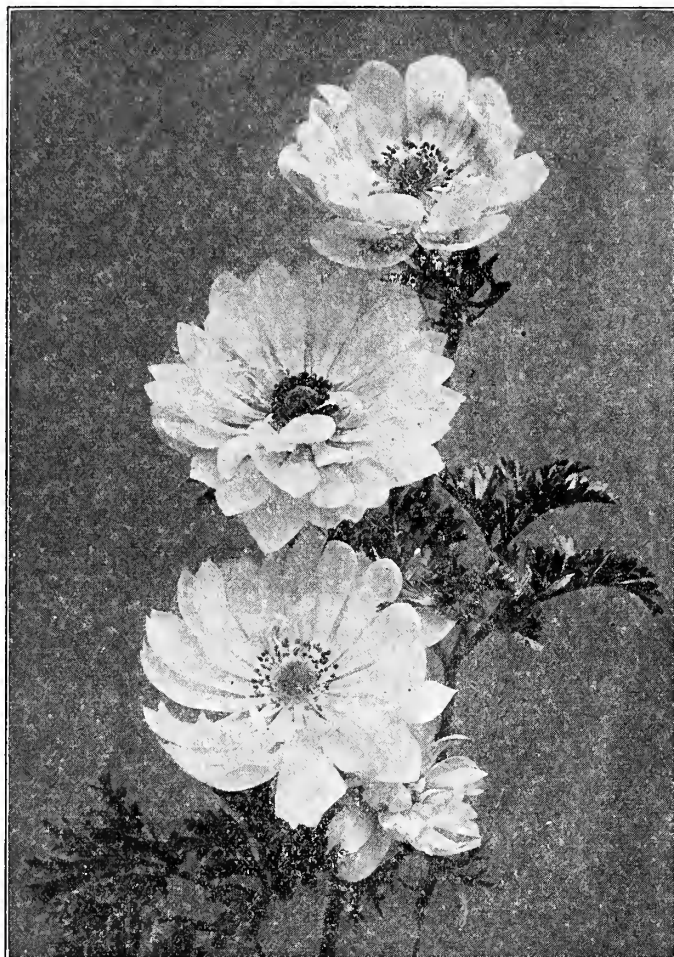
This variety is sometimes called St. Joseph's, Madonna or Annunciation Lily. One of the most popular and satisfactory of the American garden lilies. Pure waxy white fragrant flowers.

	Each	Doz.	100	1000
Large Bulbs	\$0.15	\$1.50	\$10.00	\$85.00
Mammoth Bulbs	.20	2.00	12.00	100.00
Monster Bulbs	.30	2.75	15.00	125.00

12 MICHELL'S MISCELLANEOUS BULBS (For Winter and Spring Flowering)

ACONITE—WINTER (*Eranthis Hyemalis*)

A very early golden yellow flowering bulb, blooming at the same time as the snowdrop. The foliage is quite dense and remains after the flower has died down. Aconite prefers a shady, moist location; perfectly hardy. Height about 6 inches. Dozen and 100 lots mailed free. 4c. each; doz., 30c.; \$1.50 per 100; per 1000, \$12.50.



Anemone "St. Brigid"

ANEMONES (Wind Flowers)

Splendid for cutting. Specially adapted for growing in conservatories or cold frames. If planted outdoors in the fall, they must be well protected with leaves or other litter. If you are unable to tell which is the top or bottom of the bulb, plant it on its side. Parcel Post Weight, per 100, 1 lb.

CORONARIA OR POPPY FLOWERING TYPES

	Each	Doz.	100	1000
Single Scarlet	\$0.04	\$0.35	\$2.00	\$15.00
Single Blue .....	.04	.35	2.00	15.00
Single White (The Bride) .....	.04	.35	2.00	15.00
Single Mixed, all colors .....	.04	.30	1.50	12.50
Double Mixed, all colors .....	.04	.35	2.00	15.00

Anemone, St. Brigid (Semi-Double). A giant flowering type of Irish origin, magnificent blooms, often 5 inches across, of the richest and daintiest colors, covering maroon, scarlet, blood red, old rose, pink, blue, purple, mauve, yellow, cream white. Mixed Colors. 5c. each; doz., 40c.; \$2.50 per 100; per 1000, \$20.00.

Fulgens (Single). Dazzling scarlet flowers surrounded with graceful foliage, makes a pot of these a most desirable acquisition. Each, 6c.; 60c. per doz.; per 100, \$3.50; \$28.00 per 1000.

ALLIUM

Neapolitanum. Used extensively for indoor culture in pots and pans. It is especially adapted for forcing and makes an excellent cut flower; color pure white. Height 12 inches. It may also be planted outdoors among the hardy plants, and is very effective in clumps of 25 or more. Dozen and 100 lots mailed free. Each, 3c.; 25c. per doz.; per 100, \$1.25; \$10.00 per 1000.



Allium Neapolitanum

AMARYLLIS

One of the most gorgeous showy house plants, giving splendid satisfaction, not only because of their requiring little care, but of their everlasting nature and tendency to increase.

Cultural Directions.—Place bulbs in live moss, only moderately moist, near a window of a warm room. Watch the bulbs carefully, and when the first sign of growth appears through the top, get a six-inch pot and be ready to pot up. The soil to be used should be fairly rich and when the bulb is set, most of it should be above the soil. Be moderate in watering first, but increase as growth increases, then place in a warm, light room near the window.

Belladonna. A beautiful bright pink. 30c. each; per doz., \$3.00.

Formosissima. Crimson. 15c. each; per doz., \$1.50.

Hybrids of Vittata. Beautiful species, flowers striped and flaked. 60c. each; per doz., \$6.00.

Johnsoni. A very large crimson sort, striped white. Mammoth bulbs, 50c. each; per doz., \$5.00. First size bulbs, 35c. each; per doz., \$3.50.

SMALL AMARYLLIS OR ZEPHYRANTHES (See page 17)

BEGONIAS (Tuberous Rooted)

Ready in January

There hardly is a single garden in which there are semi or entirely shaded spots where the average flower will not grow; such places are ideal for this flower; yet it will make a dazzling show in the open. Enormous wax-like flowers appear uninterruptedly from June till frost. The bright flowers contrast well with the deep-colored foliage. The bulbs must be lifted in the fall. Plant bulbs outdoors about May 1st.

SINGLE VARIETIES

	Each	Doz.	100		Each	Doz.	100
Crimson	\$0.15	\$1.50	\$10.00	Scarlet	\$.010	\$1.00	\$6.00
Orange	.10	1.00	6.00	White	.10	1.00	6.00
Pink	.10	1.00	6.00	Yellow	.10	1.00	6.00
Mixed					.07	.75	5.00

DOUBLE VARIETIES

In separate colors as above	\$0.20	\$2.00	\$12.50
Mixed, all colors .....	.15	1.50	10.00

CHIONODOXA (Glory of the Snow)

One of the first flowers to appear in the spring. They are frequently planted in masses on a lawn like Crocus. For edging other early flowering bulb beds they are well suited. Height about 6 inches. Parcel Post Weight per 100, 3 lbs.

Gigantea. Large flowers; color lilac blue, white centre. Each, 6c.; 50c. per doz.; per 100, \$3.00; \$25.00 per 1000.

Sardensis. Very deep blue with white centre. 35c. per doz.; per 100, \$2.00; \$15.00 per 1000.

CROCUS

They are most effective for borders or beds, also for planting in clumps amongst shrubbery. In lawns, planted in the grass the Crocus are extremely effective. The Giantflg varieties are also splendid for flowering in pots.

GIANT NAMED CROCUS

	Doz.	100	1000
Baron von Brunow. Deep blue.....	\$0.30	\$1.75	\$12.50
Cloth of Gold. Rich yellow, brown veins. .30	1.75	12.50	
Cloth of Silver. Silvery white, striped lilac .30	1.75	12.50	
Mont Blanc. Pure white.....	.30	1.75	12.50
Giant Named Mixed.....	.30	1.75	12.50

MIXED CROCUS IN SEPARATE COLORS

Our bulbs of mixed Crocus are all of the largest size and should not be confounded with the cheap mixtures which are frequently offered.

	Doz.	100	1000
Blue and Purple	\$0.20	\$1.25	\$9.00
Striped .....	.20	1.25	9.00
White .....	.20	1.25	9.00
Yellow. First size.....	.20	1.25	9.00
Yellow. Mammoth size.....	.25	1.40	10.00
Yellow. Giant size.....	.30	1.75	12.50
Mixed. All colors.....	.15	1.00	8.00

Dozen lots of Crocus mailed free. Weight, per 100, 2 lbs.



CALLA LILY BULBS

Ready in September

Callas require good, rich soil and plenty of warmth and water to make them thrive. Plant Callas indoors only.

GODFREY DWARF EVERBLOOMING CALLA (New)

This comparatively new calla has proven an excellent one, its character is exactly like the *Æthiopica* or regular variety, except it is of much dwarfer habit and freer bloomer; very desirable as a pot plant. Large blooming size bulbs, 25c. each; doz., \$2.50; \$15.00 per 100.

CALIFORNIA CALLAS

	Each	Doz.	100
White, Monster Size	\$0.50	\$5.00	\$35.00
White, Mammoth Size .....	.30	3.25	20.00
White, Medium Size .....	.25	2.25	12.50
White, First Size .....	.20	1.75	10.00

Spotted Calla. White flower, green foliage, spotted white (ready in October). 15c. each; per doz., \$1.25; \$8.00 per 100.

Yellow Calla (*Elliottiana*). Ready in November. The deep golden yellow flowers are truly magnificent, and produced in abundance. The green foliage is spotted creamy white, which adds to its beauty. 40c. each; doz., \$4.00; \$25.00 per 100.

DIELYTRA (Bleeding Heart)

Ready in November

Spectabilis. The heart-shaped flowers are produced on long drooping stems, of a beautiful rose and white color combination. After blooming, the foliage makes a very attractive appearance. *Dielytra* forces very readily in a green house or conservatory. Parcel Post Weight, 1 lb. each; doz., 10 lbs. 25c. each; doz., \$2.50; \$18.00 per 100.

CROWN IMPERIAL

Fritillaria Imperialis

A majestic plant appearing in its grandeur in the early spring before the trees burst into leaf. The large bulbs produce stout stems 3 to 4 feet long with a crown-like cluster of bell-shaped flowers at the top, which are gorgeous in coloring. These are ideal for planting in hardy borders or shrub beds, but should be massed at least six in a clump. We furnish Mammoth Bulbs only. Parcel Post Weight, per doz., 4 lbs.

	Each	Doz.	100
Single Mixed	\$0.20	\$2.00	\$15.00

MICHELL'S MAMMOTH FLOWERING CHINESE LILIES

Place from 3 to 6 bulbs in a bowl on top of pebbles to the depth of 2 inches; also place a piece of charcoal with the pebbles to keep the water sweet. Place more pebbles around the bulbs so they will not topple over and then fill the bowl with water to the top of pebbles. After being planted they should be stored for three weeks in a cool, dark corner and then brought forth to a light but cool place, where they will grow to the highest point of perfection. Excessive heat produces quick growth, but will blight the buds and no flowers are the result; they also do best where no coal stoves or gas-lights are used in the room where they flower.

They may of course also be grown in pots with soil or sand, bulbs, fibre and moss. To have succession of blooms start a fresh bowl every 2 weeks.

	Each	Doz.	Basket of 30 Bulbs
Large Bulbs	\$0.20	\$2.25	\$5.00
Mammoth Bulbs .....	.25	2.75	6.00

Parcel Post Weight of Chinese Lilies, 4 lbs. per dozen. Single bulbs mailed free.

GOLDEN CHINESE LILY

A beautiful variety. The centre cup is deep yellow while the perianth is lighter. Treat exactly the same as the regular Chinese Lily. Very fragrant.

Large Bulbs—10c. each; per doz., \$1.00; \$7.50 per 100.

Glass Bowls for Chinese Lilies. For one bulb—15c. each; per doz., \$1.50. For three bulbs—25c. each; per doz., \$2.50 (not mailable).

Pebbles for Chinese Lilies. Carefully screened and selected. 10c. per qt.; 50c. per peck; bushel, \$1.50; \$3.50 per barrel. (Pebbles cannot be mailed.)

EREMURUS. Ready in November

These splendid, stately plants deserve a place in every garden. The foliage is Yucca-like, from which arise the majestic flower stalks, from 4 to 7 feet high. The miniature flowers encircle the stem fully two-thirds its entire length. Perfectly hardy.

Himalaicus. Peach pink. \$1.25 each.

Robustus. Deep rose. \$1.25 each.

FREESIAS

Purity. This is the grandest freesia ever offered. The flowers are almost twice the size of the regular type and of a pure glistening white; the stems are often 15 inches long and very wiry, rendering it a most valuable cut flower.

	Each	Doz.	100	1000
First Size Bulbs	\$0.04	\$0.30	\$1.75	\$15.00
Mammoth Size Bulbs .....	.05	.50	3.00	25.00
Monster Size Bulbs .....	.06	.60	4.00	35.00
Jumbo Bulbs .....	.10	1.00	5.50	45.00

French. Fine variety; pure white with yellow throat.

	Each	Doz.	100	1000
First Size Bulbs	\$0.04	\$0.30	\$1.75	\$12.50
Mammoth Size Bulbs .....	.05	.35	2.00	17.50
Monster Size Bulbs .....	.06	.50	3.00	25.00

FREESIA "MICHELL'S RAINBOW"

Light Pink, Dark Pink, Yellow and Orange, Light Blue, Lavender, Mauve, Yellow and Purple: In mixed colors only. Price: 20c each; dozen, \$1.75; \$10.00 per 100.

MICHELL'S MISCELLANEOUS BULBS



New Forcing Gladiolus "Blushing Bride"

WINTER FLOWERING GLADIOLUS CARDINALIS, NANUS OR COLVILLI TYPES

Ready in October

Winter-flowering strains of slender growth with beautiful orchid-like flowers, which are ideal for growing in the hot-house or conservatory. As soon as received, the bulbs should be planted in flats or pans and stored in a cold-frame or other protected place. About February 1st they should be brought into gentle heat and light. They cannot stand quick forcing and should not be brought into bloom until April or May.

If planted outdoors, they should be put about 4 inches deep with at least a covering of from 4 to 6 inches of leaves or dry manure.

	Each	Doz.	100	1000
Colvilli Alba (Bride). Pure white...	\$0.04	\$0.35	\$2.00	\$17.50
Blushing Bride (Delicatissima). White, blotched blood red on the three lower petals .....	.04	.35	2.00	17.50
Peach Blossom. Beautiful soft salmon pink, with a deeper blotch of the same color .....	.04	.35	2.00	17.50
Modesty. Soft delicate lavender, blotched mauve .....	.06	.50	3.00	27.50
Ne Plus Ultra. Brilliant scarlet, blotched pure white, a most attractive flower, larger than any of the foregoing varieties .....	.06	.50	3.00	27.50

In December we can also supply all other varieties of Gladiolus; suitable for forcing.

GLOXINIAS. Ready in January

Gorgeous plants for either conservatory or garden. They prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until after May 15th. Bulbs must be lifted in the fall.

	Each	Doz.	100
Blue	\$0.25	\$2.50	\$17.50
White. Bordered blue .....	.25	2.50	17.50
White. Bordered scarlet .....	.25	2.50	17.50
Red and Scarlet .....	.25	2.50	17.50
Spotted and Tigered .....	.25	2.50	17.50
White .....	.25	2.50	17.50
Choicest Mixed .....	.25	2.50	17.50

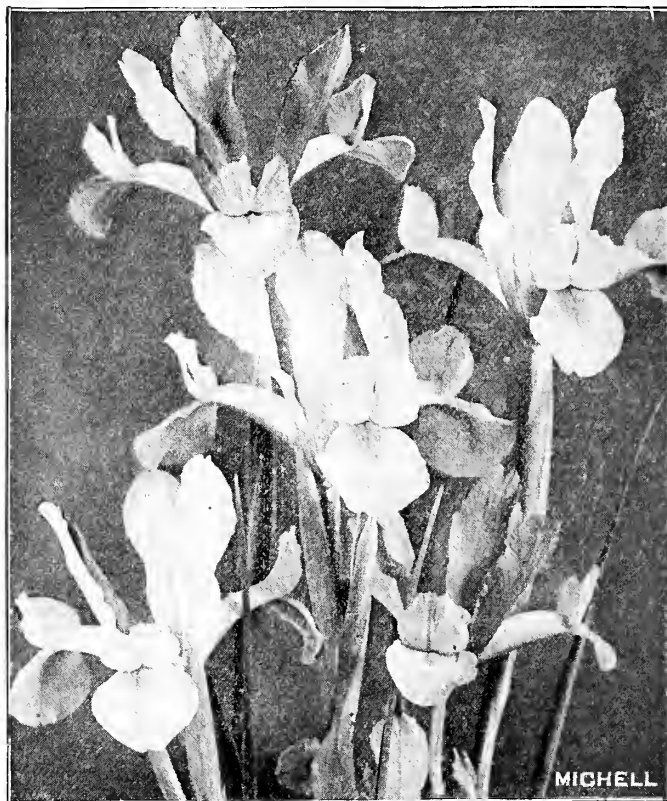
IRIS HISPANICA (Spanish Iris)

Graceful, slender stems, a loose but beautiful flower, the charming colors thereof produce a combination not surpassed by an orchid. The finest effects with them are produced when planted in clumps in the perennial border or by themselves; the stems are from 18 to 24 inches long; flowering period in May and early June. They may also be grown in pots indoors. Parcel Post Weight, per 100, 2 lbs.

	Doz.	100	1000
Alex. Von Humboldt. Light blue....	\$0.30	\$1.75	\$15.00
Belle Chinoise. Dark yellow.....	.30	1.75	15.00
British Queen. White, extra fine....	.30	1.75	15.00
Chrysolora. Deep yellow .....	.30	1.75	15.00
Emperor of the West. Bronze.....	.30	1.75	15.00
Filifolia (New). Beautiful deep blue; 2 weeks earlier in flower than any other Iris Hispanica .....	.50	3.00	27.50
Grace Darling. Deep purple.....	.30	1.75	15.00
Midley. Pale blue, early forcer .....	.30	1.75	15.00
Mixed Colors .....	.20	1.25	10.00

IRIS TINGITANA

A beautiful light blue; excellent for early forcing; can easily be had in bloom in December. The best novelty in the Iris bulb line. 15c. each; doz., \$1.25; \$7.50 per 100.



Spanish Iris "Blanche Superbe"

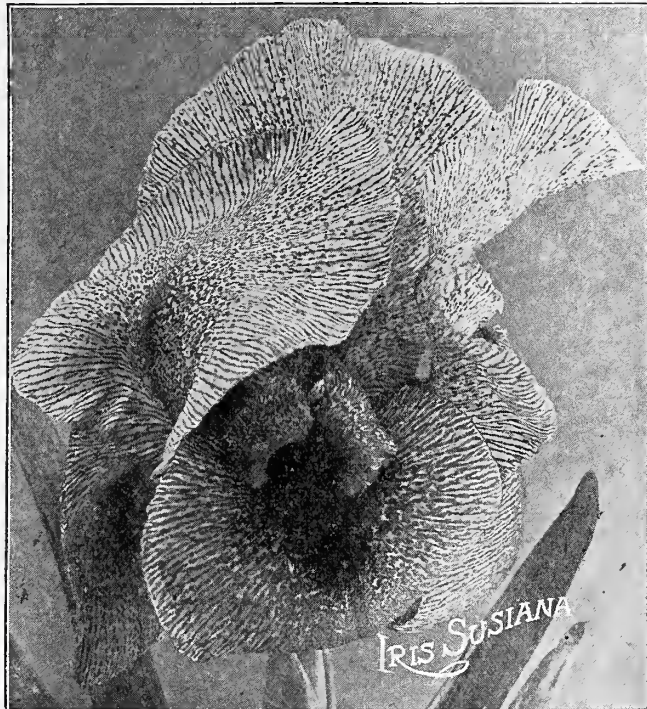
6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates

(ht)

IRIS ANGLICA (English Iris)

This type is very similar in character to the Spanish varieties, somewhat dwarfer, more robust, with heavier foliage and larger flowers, flowering two weeks later. These are not suited to forcing, blooming in June. Parcel Post Weight, 3 lbs per 100.

	Each	Doz.	100	1000
Blanche Fleur. Pure white.....	\$0.05	\$0.45	\$2.75	\$22.50
L'Unique. Bright claret .....	.05	.45	2.75	22.50
Argus. Pink and white.....	.05	.45	2.75	22.50
Bavaria. Light blue .....	.05	.45	2.75	22.50
Mixed. All colors .....	.05	.40	2.50	20.00



IRIS SUSIANA (Mourning Iris)

A variety originating in Asia Minor, representing a class entirely in itself, both in habit, form and color. The massive, truly gigantic flowers when fully developed often measure 4½ inches in height and 5 inches across, a most distinct coloring, viz.: grayish white, finely penciled, mottled and striped deep brown; the inner galls are a solid maroon shade, coated velvety and covered with long attractive hairs. They may be grown in pots or in the border. If planted outdoors, select a well-protected location; add sand to a heavy soil and dry manure. Cover with long manure during winter.

Strong Bulbs, 20c. each; \$2.00 doz.; 100, \$12.50.

IXIA

A charming little stove and conservatory bulb. It may also be planted outdoors if put in a protected position with plenty of covering during winter, in well-drained soil.

Crateroides. Brilliant scarlet. 65c. per dozen; per 100, \$3.75; \$32.50 per 1000.

Mixed. 25c. per doz.; per 100, \$1.25; \$9.50 per 1000.

MONTBRETIA. Ready in December

A beautiful flowering bulb resembling a miniature Gladiolus, absolutely hardy, and only effective if planted in masses from 50 to 100 bulbs in a clump.

	Each	Doz.	100	1000
Aurantiaca. Deep golden yellow....	\$0.04	\$0.40	\$2.25	\$20.00
Crocsmiaeflora. Scarlet and yellow..	.04	.40	2.25	20.00
Etoile de Feu. Vermilion, yellow centre .....	.04	.40	2.25	20.00
Germania. Orange scarlet; very large	.04	.40	2.25	20.00
Pottsii. Large; orange scarlet.....	.04	.40	2.25	20.00
Rayon d'Or. Light yellow, spotted brown .....	.04	.40	2.25	20.00
Speciosa. Golden yellow .....	.04	.40	2.25	20.00

LILY OF THE VALLEY. Ready in December

A beautiful pure white flower; principally used for winter forcing. Very fragrant and produced in abundance. For indoor culture plant about 25 pips or roots in a 7-inch pot or pan, place outside, where they should be left until they have been subjected to several nights' freezing, which brings them into flower more readily. When grown outdoors always plant in a shaded place, preferably moist. For outdoor culture, we especially recommend the clumps, as they give a quicker and better effect at less cost.



Parcel Post Weight, 6 lbs. per 100. Michell's Fancy Giant Flowering. The finest strain of Valley procurable. Price on application.

First Quality Brand (3-year-old pips). For forcing. Price on application.

Clumps. Ready in November. For outdoor planting only. 30c. per clump; per doz., \$3.00; \$20.00 per 100.

COLD STORAGE LILY OF THE VALLEY

Constantly on Hand

Michell's Fancy Giant Flowering. 50 for \$3.25; \$6.00 per 100; 250 for \$14.00.

MUSCARI BOTRYOIDES (Grape Hyacinth)

As boys and girls we probably knew these better as "Blue Bells"; this charming bulb is worthy of the best place in the flower garden. Plant them in clusters of 25 or more bulbs; for edging in double rows they are very effective around late tulip or daffodil beds. For forcing, 12 or more to a 6-inch pot or pan, they are fine, being handled like forcing tulips or hyacinths; outdoors they bloom in May; height, 6 inches.

	Doz.	100	1000
Album. White	\$0.25	\$1.40	\$10.50
Coeruleum. Blue .....	.25	1.40	10.50

Plumosus (Feathered or Plumed Hyacinths). This type is a violet blue, very interesting, resembling a wavy plume; grows about 12 inches high and thrives anywhere. Per doz., 30c.; \$1.60 per 100; per 1000, \$12.00.

ORNITHOGALUM (Star of Bethlehem)

An attractive flowering bulb for either indoor or outdoor culture. Pure white petal, petal streaked light green with a black flower centre. These are highly fragrant and are especially desirable for planting in woodlands for naturalizing; when used for this purpose, 6 to 12 bulbs should be planted in a clump. For indoor culture treat them like hyacinths. Flowering time outdoors, April and May; sweet scented blooms appearing in umbels of 8 or 10 flowers to a stalk; height, 1 foot.

	Each	Doz.	100	1000
Arabicum (P. P. Wt., 2 lbs. per doz.)..	\$0.05	\$0.50	\$3.50	\$25.00

TESTIMONIAL ON MICHELL'S BULBS

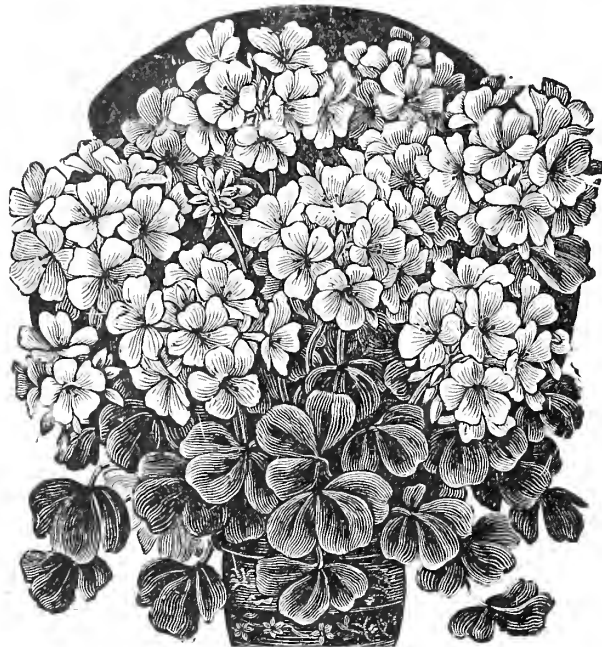
Commissioners of Luzerne County
Wilkes-Barre, Pa.

The bulbs received from you last year were first-class in every way and gave results that were very much appreciated by the Commissioners as well as the public in general.

N. C. KEELY.

Court House, Wilkes-Barre, Pa.

MICHELL'S MISCELLANEOUS BULBS



Bermuda Buttercup Oxalis

OXALIS (Winter Flowering)

For conservatory, greenhouse and window garden culture the Oxalis is ideal. It succeeds anywhere and with any one, flowering often in 6 to 8 weeks after planting. The Grand Duchess and Buttercup class are best for pot culture, the others for hanging basket purposes, although all may be grown successfully either way. Plant at least six bulbs of any variety in a suitable size receptacle, place them in a cool, dark place for about two to three weeks till thoroughly rooted, watering as required. The flowering period extends during the entire winter. For indoor planting only. To keep Oxalis free from insects, an occasional application of tobacco dust has proven to be best.

Bermuda Buttercup. Pure yellow, free flowering variety. First size bulbs	Each	Doz.	100	1000
	\$0.04	\$0.35	\$2.25	\$17.50
Bowei. Large flowering, rich, pink, very beautiful. First size bulbs...	.03	.30	2.00	15.00
Grand Duchess. A distinct bushy upright growing variety, suited best for pot culture; the flowers are gigantic:				
Yellow .....	.04	.30	1.75	15.00
Lavender .....	.04	.30	1.75	15.00
White .....	.04	.30	1.75	15.00
Pink .....	.04	.30	1.75	15.00

SCILLAS

(Squills, Wood Hyacinths, Blue Bells, etc.)

For massing round tulip, hyacinth or even daffodil beds nothing can equal the Scilla; among shrubbery in herbaceous beds in clusters of 50 or more bulbs its blaze of color is wonderfully effective. Once planted it remains for years. They all do well if planted indoors in pots or pans, not less than a dozen to a crock, a continuous flowering period may thus be had from Christmas until April.

Campanulata (Wood Hyacinths). Tall flowering type, with broad fleshy foliage.	Doz.	100	1000
Blue	\$0.30	\$1.75	\$15.00
White .....	.30	1.75	15.00
Pink .....	.30	1.75	15.00
Sibirica. Blue; extra large bulbs.....	.25	1.50	12.50
Parcel Post Weight of Scilla Sibirica, 1 lb. per 100. Weight of Scilla Campanulata, 3 lbs. per 100.			

PANCRATIUM LILY (Ismene)

As a summer and winter flowering bulb this has few equals; planted outdoors in May it will bloom all season. In September it may be lifted, allowed to die off and started in pots about December, 1 bulb to a pot. It usually commences flowering three weeks after planting; height, 12 inches; flowers a beautiful waxy white and deliciously fragrant. Large bulbs, 20c. each; per doz., \$1.75; \$12.50 per 100.



A Vase of Ranunculus Flowers

RANUNCULUS (Buttercups)

(See illustration)

An attractive flower resembling a giant double buttercup or small double poppy. They should be grown in pots indoors for winter blooming or in frames outdoors for early spring flowering. The bulbs retain their substance for a long while and may also be planted outdoors latter part of March or early April in a shaded place (moist preferred), then blooming in June. They cover every shade of crimson, white, purple and yellow; height, 12 inches.

	Each	Doz.	100	1000
Double Giant Persian. Mixed.....	\$0.03	\$0.20	\$1.25	\$10.00
Double Giant French. Mixed.....	.03	.20	1.25	10.00

SPARAXIS

A small bulb bearing a very large flower, often 2 inches across, on long, graceful stems; they resemble somewhat the Ixia in shape. For indoor blooming only. Plant 6 to 12 bulbs in a pot for the best effect.

Mixed Colors. 3c. each; per doz., 25c.; \$1.40 per 100; \$12.50 per 1000.

MICHELL'S BULB GROWING GUIDE

Bound into a heavy cover, we have issued the above booklet containing not only the most up-to-date cultural directions in general, but giving a very concise detail to what use each variety is best put and in addition describing very explicitly each and every bulb offered in this catalogue. We want every bulb grower to possess this instructive guide. Mailed or handed free to every applicant.



Giant Single Snowdrops

SNOWDROPS (Galanthus)

No spring flowering bulb plays a more important part in the garden than does this somewhat insignificant variety. 'Neath ice and snow often early in March; yes, frequently in February, you can see it sticking forth its flower spike as though exclaiming, I can't wait for spring to come. What can gladden the heart more than this? A combination of Crocus, Scillas and Snowdrops make a glorious effect when planted promiscuously in a border; one follows the other in flowering and a change of color with each one suggests a floral treat hard to equal at the time of year they flower—February till April. They are perfectly hardy; should be planted in masses of 50 or more bulbs. They also flower well in pots indoors.

	Each	Doz.	100	1000
Single Giant. Pure white.....	\$0.03	\$0.30	\$1.50	\$12.50
Double. Pure white .....	.04	.35	1.80	16.00

ZEPHYRANTHES (Fairly Lily)

A splendid pot plant for winter, of easiest culture. Planted outdoors in May, they flower the entire season.

	Each	Doz.
Treata Rosea. Pink flowers.. (Per 100, \$5.00)	\$0.07	\$0.70
Treata Alba. White flowers.. (Per 100, \$5.00)	.07	.70

ORDER BULBS EARLY

Our bulbs have such a splendid reputation we are frequently sold out of some varieties early. We, therefore, recommend the placing of orders as soon as our Catalogue is received.

SPIREA (Astilbe)

This is a favorite Easter flowering plant rivaling with the lily. If wanted for indoor blooming, pot the roots on arrival, water well and place outdoors for about 6 to 8 weeks. They may be brought in and placed in a moderately warm room, the cooler, without freezing, however, the better. They can be made to flower almost any time by bringing them to a warmer place. For outdoor they are fine in hardy borders; flowering in June. Parcel Post Weight, 2 lbs. each.

Gladstone. This popular, large-flowering Spiraea is a wonderful improvement over all other white-flowering varieties, and is, no doubt, the most beautiful Easter and spring-flowering pot plant grown. The immense trusses of flowers are snow white; borne on strong, erect stalks, and appear in such abundance that the plant is practically enveloped with a white feathery foam.

Extra large clumps, 50c. each; doz., \$5.00; \$30.00 per 100. Monster clumps. 75c. each; doz., \$7.50; \$45.00 per 100.

Queen Alexandra. A beautiful shade of pink. Being an off-spring of the Gladstone it requires the same culture. The plant should be shaded as it comes into bloom in order to bring the flower to full perfection.

Extra Large Clumps. 50c. each; doz., \$5.00; \$30.00 per 100.



New Pink Spirea "Princess Mary" (See above)

BOOKS ON BULBS, FLOWERS, ETC.

Bulbs and Tuberous-rooted Plants (Allen).....	\$0.60
Daffodils and Narcissus (Kirby).....	1.10
Flowers, How to Grow Them (Rexford).....	.50
Four Seasons in the Garden (Rexford).....	1.50
Garden Book (the practical) (Hunn and Bailey).....	1.00
Garden Making (Bailey).....	1.50
Garden Primer (A heap of practical hints).....	1.10
Gardening for Pleasure	1.50
Hardy Garden Book (Ely).....	1.75
Home Floriculture (Rexford).....	1.00
Ornamental Gardening (Long)	1.50

For complete list of Books see our General Catalogue.

MICHELL'S "DISTINCTIVE" FLOWER SEEDS

FOR AUTUMN AND EARLY WINTER SOWING

For Complete List of Flower Seeds, see our General Catalog for 1918

ACHILLEA (Milfoil or Yarrow)

Ptarmica, Fl. Pl., "The Pearl." Tall erect plants; pure white double flowers; hardy perennial; 2 ft. Large Pkt. Pkt. \$0.50 \$0.10

ACONITUM (Monk's Hood or Helmet Flower)

Hardy perennial, thriving best in semi-shady situations; curious hood-shaped flowers in clusters; height, 4 feet; August-September. Large Pkt. Pkt. \$0.30 \$0.05

AGROSTEMMA

(Rose of Heaven, or Mullein Pink)

Coronaria. Stout erect growing plants with silvery foliage and bright crimson flowers; hardy perennial; 2½ to 3 feet; July and August.... .15 .05

ALYSSUM

One of the most popular garden flowers for beds, edgings, rock-work or vases; also useful for winter flowering.

..... Large Pkt. Pkt.
Little Dorritt. Extremely dwarf and compact, forming perfect little bushes with miniature white flowers; ideal for narrow edges...oz., 90c. \$0.20 \$0.05
Lilac Queen. Dwarf and compact; flowers lilac .40 .10
Little Gem. Dwarf compact plants, densely covered with large pure white flowers; height, 4 inchesoz., 75c. .20 .05
Lutescens. Dwarf and compact; yellow flowers... .40 .10
Sweet. The popular old-fashioned sort, the best for broad edges and vases. Pure white; height, 6 inchesoz., 30c. .15 .05
Saxatile Compactum (Basket of Gold). Showy golden yellow flowers; hardy perennial; 1 ft. oz., 90c. .20 .05

AMPELOPSIS (Boston or Japanese Ivy)

Veitchi. A hardy perennial climber with olive green leaves, which turn to scarlet in the autumnoz., 40c. .15 .10

ANCHUSA (Sea Bugloss)

Italica "Droemore." A strong growing hardy perennial plant, 4 feet high, with beautiful flowers of a lovely gentian blue40 .15

ANEMONE (Wind Flower)

A dainty spring flower with bright cup-shaped blossoms; splendid for cutting; perennial. 100 Seeds Pkt. \$0.20 \$0.05
Coronaria, Mixed. 1 foot; all colors..... \$0.20 \$0.05
St. Brigid, or Penny. Flowers of large size; semi-double and double; 1 foot40 .15

ANTHEMIS (Hardy Marguerite)

Tinctoria Kelwayi. A handsome hardy perennial, bearing all summer, daisy-like bright yellow flowers; 2 feet30 .10

AQUILEGIA (Columbine). See next page

ARABIS (Rock Cress)

Alpina. Early spring flowering perennial; especially adapted for edging and rockery; plants form a dense carpet completely covered with pure white blossoms; 6 inches..... .20 .05

ARMERIA (Sea Pink or Thrift)

Formosa. A pretty hardy perennial for edgings, blooming all summer; rosy pink flowers; 9 ins. .30 .10

ASPARAGUS

..... 100 Seeds Pkt.
Hatcheri. Of dense and symmetrical growth; valuable for decorative use; also for specimen pot plants \$1.00 \$0.25
Plumosus Nanus. An excellent plant for house or conservatory decoration or cutting on account of its graceful, finely cut foliage..... 1.00 .25
Sprengeri. One of the best plants to grow in hanging baskets for green house, or for outdoors in the summer50 .10

ANTIRRHINUM (Snapdragon)

A splendid plant for beds or borders and one of our choicest cut flowers; extensively forced under glass during the winter.

MICHELL'S GIANT ANTIRRHINUMS

This strain produces stout heavy spikes, 2 to 3 feet in length, dressed with giant flowers of the purest colors.

..... Large Pkt. Pkt.
Michell's Giant Salmon Pink. Long spikes of a delicate salmon pink color \$0.50 \$0.15
Silver Pink. A fine variety; long spikes and a profuse bloomer. Original pkt., \$1.00.
Giant Garnet25 .10
Giant Pink25 .10
Giant Scarlet25 .10
Giant Striped25 .10
Giant Venus. Shell Pink on white ground..... .40 .15
Giant White25 .10
Giant Yellow25 .10
Giant Mixedoz., 90c. .20 .10
Collection, one packet each, six colors, 50c.



Giant Antirrhinum (Snapdragon)

Tall Mixed. A fine selection. Pkt., 5c.; 15c. large pkt.; oz., 60c.

SEMI-DWARF

ANTIRRHINUMS

The plants grow but 18 in. high, but have extreme large flowers over most part of the stem.

Bride. Pure white. Pkt., 10c.; 30c. large pkt.

Captivation. Rich chamois, shaded pink. Pkt., 25c.; 65c. per 3 pkts.

Defiance. Fiery scarlet. Pkt., 10c.; 25c. large pkt.

Golden Queen. Golden yellow, giant flowers. Pkt., 10c.; 25c. large pkt.

Mauve Beauty. Rosy mauve. Pkt., 30c.; 80c. per 3 pkts.

Nelrose. Pkt., 25c.; 50c. large pkt.

Pink Gem. Rose pink. Pkt., 25c.; 65c. per 3 pkts.

Queen of the North. Of purest white. Pkt., 10c.; 25c. large pkt.

Spitfire. Orange scarlet. Pkt., 25c.; 65c. per 3 pkts.

Mixed. All colors. Pkt., 10c.; 20c. large pkt.; oz., 90c.

DWARF

ANTIRRHINUMS

The Dwarf or Tom Thumb varieties are excellent for bedding; also for edges. Height, 12 inches.

Tom Thumb Mixed. All colors. Pkt., 10c.; 25c. large pkt.

Ask for Cultural Leaflet No. 201 on the growing of Antirrhinums



Aquilegia—Long Spurred

AQUILEGIAS OR COLUMBINES

A beautiful spring flowering perennial plant, producing exquisitely spurred flowers on stems rising 2 feet above the fern-like foliage; splendid for cutting.

	Large Pkt.	Pkt.
Californica Hybrida. Mixed colors; long spurs..	\$0.40	\$0.10
Chrysantha. Bright golden yellow .....	.50	.10
Chrysantha Alba. Purest white .....	.50	.10
Coerula (Rocky Mountain Columbine). Large flowers, violet-blue and white .....	.40	.10
Haylodgensis Delicatissima. Satiny rose.....	.50	.20
Long Spurred Hybrids. Flowers of many rich and varied colors, with long spurs.....	.40	.10
Nivea Grandiflora. Pure white .....	.15	.05
Double Mixed	oz., 60c. .15	.05
Single Mixed	oz., 60c. .15	.05

ARABIS ALPINA. See page 18

ARMERIA. See page 18

ASPARAGUS. See page 18

ASPERULA (Woodruff)

Odorata. Dwarf spring flowers of purest white, thrives in shady situations; perennial; 1 foot; May

ASTER, PERENNIAL (Michaelmas Daisy)

Choice Mixed. One of the showiest of our late flowering perennial plants and very effective in borders or groups. Star-like single flowers; 2 to 3 feet

AURICULA (Primula Auricula)

Choice Mixed. These early flowering perennial plants resemble primroses and have multi-colored flowers in great variety; 6 inches.....

BAPTISIA (False Indigo)

Australis. A strong growing perennial plant about 2 feet high, with dark green, deeply cut foliage and spikes of dark blue flowers in June and July

BELLIS PERENNIS. See Daisy

BOCCONIA (Plume Poppy)

Cordata. A splendid hardy perennial, with glaucous green foliage and spikes 2 to 3 feet long of creamy white flowers; 5 feet.....

BEGONIA (Semperflorens Type)

The following varieties are extensively used for bedding; they are also excellent for pot plants for winter flowering.

	Large Pkt.	Pkt.
Erfordia. Delicate pink	\$0.40	\$0.15
Gromanii. Flowers red; foliage bronze green....	.40	.65
Queen of Carpet Bedders. Dwarf red.....	.40	.15
Salmon Queen. Salmony red .....	.65	.20
Vernon. Deep red flowers .....	.30	.10
Choice Mixed. All colors .....	.40	.10

BEGONIA GRACILIS

Gracilis Alba. Pure white .....	.40	.15
Gracilis Luminosa. Fiery dark scarlet .....	.50	.20
Gracilis Prima Donna. Rose, shading to carmine	.65	.20
Gracilis Rosea. Light pink .....	.40	.15

BEGONIA (Tuberous Rooted)

International Prize. An unrivaled strain; seed saved only from the best selected blooms.....		.25
Double. Choicest strain, mixed .....		.50
Single. Extra choice, mixed .....	.65	.15

BROWALLIA

Elegant free flowering plants; blooms finely in the winter if the plants are lifted and cut back; 18 inches.

	Large Pkt.	Pkt.
Elata Coerulea. Sky-blue flowers.....	\$0.25	\$0.05
Speciosa Major. A large flowering variety of brilliant ultramarine blue; desirable as a pot plant for winter and spring flowering.....	.50	.10

CALCEOLARIA

Our strains of Calceolaria have a wide reputation as to large size, rich and varied colors of the flowers.

	Large Pkt.	Pkt.
Hybrida Grandiflora. Tall Mixed. Large flowering, rich, self-colored flowers saved from a choice collection; 18 inches	\$0.75	\$0.25
Hybrida Grandiflora, Pumila Compacta. Of dwarf, compact robust growth, producing immense trusses of large and varied brilliant self-colored and spotted flowers; 1 foot .....	.75	.25
James' Superb Strain. A robust grower, producing very large and beautiful flowers; 18 inches.	1.25	.50
Sutton's Perfection. Choicest mixed. Original packet		1.25

CALLIOPSIS (Coreopsis)

One of the finest hardy perennial plants.

California Sunbeams. Very large flowers beautifully formed; various shades of yellow and brown	oz., 90c. .20	.10
Lanceolata Grandiflora. Single golden yellow flowers of graceful form; invaluable for cutting; flowers uninterruptedly the entire summer	oz., 50c. .15	.10

CAMPANULA. See next page

CANDYTUFT. See next page

CARNATION

Desirable for greenhouse culture in winter as well as for the garden in summer.

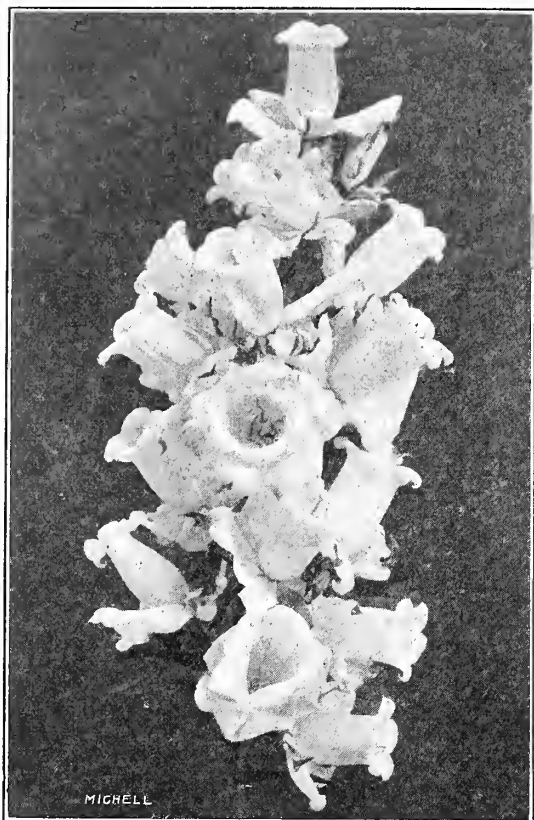
	Large Pkt.	Pkt.
Chabaud's Everblooming Mixed. Blooms in five months after being sown	\$0.50	\$0.15
Early Vienna. Large double flowers in choicest mixture; 1 foot .....	.30	.10
Choice Mixed Double. Various colors .....	.50	.10

MARGUERITE CARNATIONS

Excelsior Mixed. Immense flowers in all the beautiful shades	\$0.40	\$0.15
Pink .....	.40	.10
White .....	.40	.10
Scarlet .....	.40	.10
Yellow .....	.40	.10
Choice Mixed	oz., \$1.25 .25	.10

Ask for Cultural Leaflet No. 213 on the growing of Carnations from seed.

MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Campanula or Bell Flower

CAMPANULA MEDIA (Canterbury Bell)

Showy, hardy biennial, growing about 3 feet high; of pyramidal form and covered with large bell-shaped flowers. Sow from June 1st till September 1st; when strong enough transplant to a distance of 6 inches apart; after frost has set in protect with leaves and straw.

	Large Pkt.	Pkt.
Single Blue	\$0.15	\$0.05
Single Pink .....	.15	.05
Single White .....	.15	.05
Single Mixed .....	.15	.05
Double Mixed .....	.25	.05

CAMPANULA CALYCANTHEMA (Cup and Saucer)

These produce beautiful, large single flowers, resembling a cup and saucer; they require the same treatment as above.

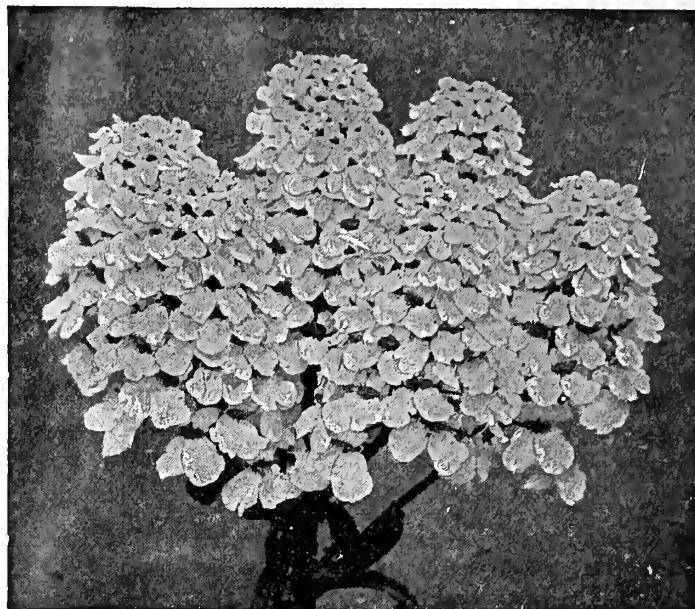
	Large Pkt.	Pkt.
Blue	\$0.30	\$0.10
Pink .....	.30	.10
White .....	.30	.10
Mixed .....	.25	.10

CAMPANULAS OR BELL FLOWERS

PERENNIAL VARIETIES

These are among our best known hardy perennials; the tall varieties are fine for cutting while the dwarf sorts make excellent border plants; all have dainty bell-shaped flowers.

	Large Pkt.	Pkt.
Carpatica, Blue (Carpathian Hare Bell). Compact tufts not exceeding 8 inches; flowers clear blue, held erect; blooms in June and July.....	\$0.20	\$0.05
Carpatica, Alba. Pure white .....	.20	.05
Persicifolia Grandiflora, Blue (Peach Bells). Stately spikes, 4 feet tall with immense blue bell-shaped flowers .....	.40	.15
Persicifolia Grandiflora, Alba. Pure white.....	.40	.15
Pyramidalis (Chimney Bell Flower). Perfect pyramids 6 feet high crowded with large bell-shaped flowers, blue and white mixed.....	.25	.05



Michell's Giant White Candytuft

CANDYTUFT (Iberis)

Splendid edging plants, flowering within six weeks after sowing; height, 1 foot. They are excellent for cutting.

	Large Pkt.	Pkt.
Carmine. Very bright	oz., 30c.	\$0.15 \$0.05
Crimson	oz., 30c.	.15 .05
Empress. An excellent variety with long trusses of pure white flowers	oz., 40c.	.15 .10
Lavender	oz., 30c.	.15 .05
Little Prince. Very dwarf and compact with pure white flowers; excellent for edging.....	oz., 50c.	.15 .10
Michell's Giant White. The largest and finest white. From 10 to 12 immense spikes resembling Hyacinths appear on a single plant; fine for forcing	oz., 60c.	.20 .10
Pink	oz., 30c.	.15 .05
Purple. Deep rich purple	oz., 40c.	.15 .05
White Rocket. Long spikes	oz., 20c.	.05 .05
Choice Mixed. All colors	oz., 20c.	.05 .05
Sempervirens. Dwarf spring flowering perennial plants; ideal for the bulb border, flowers of glistering white; May; 8 inches .....	.50	.10

CENTAUREA

CENTAUREA CYANUS (Cornflower or Bachelor's Button)

	Large Pkt.	Pkt.
Double Blue. Large and double.....	oz., \$1.00	\$0.20 \$0.10
Single Blue (Bluet)	oz., .30	.15 .05

CENTAUREA IMPERIALIS (Giant Cornflower)

Gigantic, beautiful, sweet-scented flowers are borne on long stems. They are well adapted for cutting and remain fresh a long time after being cut. Height of plant, 2 to 3 ft.

Deep Rose	\$1.00	\$0.20 \$0.10
Lavender	1.00	.20 .10
Lilac	1.00	.20 .10
Brilliant Pink	1.00	.20 .10
Purple	1.00	.20 .10
White	1.00	.20 .10
Choice Mixed .....	.75	.15 .10
Collection. One packet each of above 6 colors.....		.50

NEW GIANT FLOWERED CENTAUREAS

Magnificent flowers of brilliant colors; excellent for cutting.

	Large Pkt.	Pkt.
Bride. Pure white	\$0.40	\$0.10
Bridegroom. Purplish mauve .....	.40	.10
Honeymoon. Golden yellow .....	.40	.10

CENTAUREA (Perennial)

Large feathery flowers; splendid for cutting; blooms the entire summer.

	Large Pkt.	Pkt.
Montana. Blue; 18 inches	\$0.30	\$0.10

MICHELL'S "DISTINCTIVE" FLOWER SEEDS

21

CERASTIUM (Snow in Summer)

	Large Pkt.	Pkt.
Tomentosum. Dwarf, white-leaved edging plant; flowers white; perennial; 4 inches	\$0.40	\$0.15

CHRYSANTHEMUM (Perennial)

Frutescens Grandiflorum. (Paris Daisy or Marguerite). Single flowers, white with yellow centre.....	.20	.10
Japanese Hybrids. Large flowers of the finest types; an extra choice mixture; seed sown in spring will produce flowering plants by fall; 18 inches .....	.65	.15
Shasta Daisy, "Alaska." The finest of all; single white flowers on long stems; 2 feet .....	.50	.20
King Edward VII. Flowers extra large; pure white and of perfect form .....	.25	.10

CINERARIA

One of the most ornamental and useful plants for conservatory or house decoration; seed may be sown from May to September for a succession. Our Grandiflora Prize Strain is the best procurable, producing immense trusses of the largest flowers, often measuring up to 4 inches across.

	Large Pkt.	Pkt.
Grandiflora Prize Dwarf. Mixed colors; plants of dwarf habit	\$0.75	\$0.35
Grandiflora Prize Medium Tall. Mixed colors; desirable as a decorative plant .....	.75	.35
Hybrida. Choice mixed colors.....	.65	.25
Matador. Large bright red flowers...	.75	.35
Radiata Hybrida. New varieties of the Star Cineraria in a wide range of colors and shades .....	.75	.20
Stellata (Suttons'). Medium sized star-like flowers		\$1.00
Stellata Hybrida. Of graceful and vigorous habit, producing a profusion of elegant flowers .....	.75	.25
Sutton's Superb. Mixed colors. Original pkt...		1.00

Ask for Cultural Leaflet No. 203 on the growing of Cinerarias.

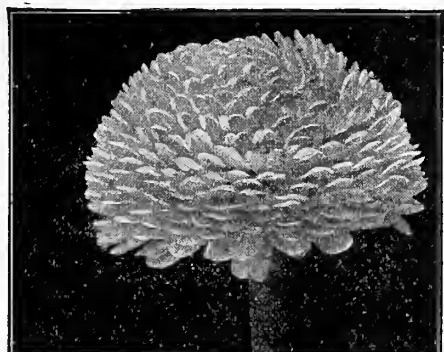
CLEMATIS

Hardy perennial climbers; fine for arbors, verandas, etc.

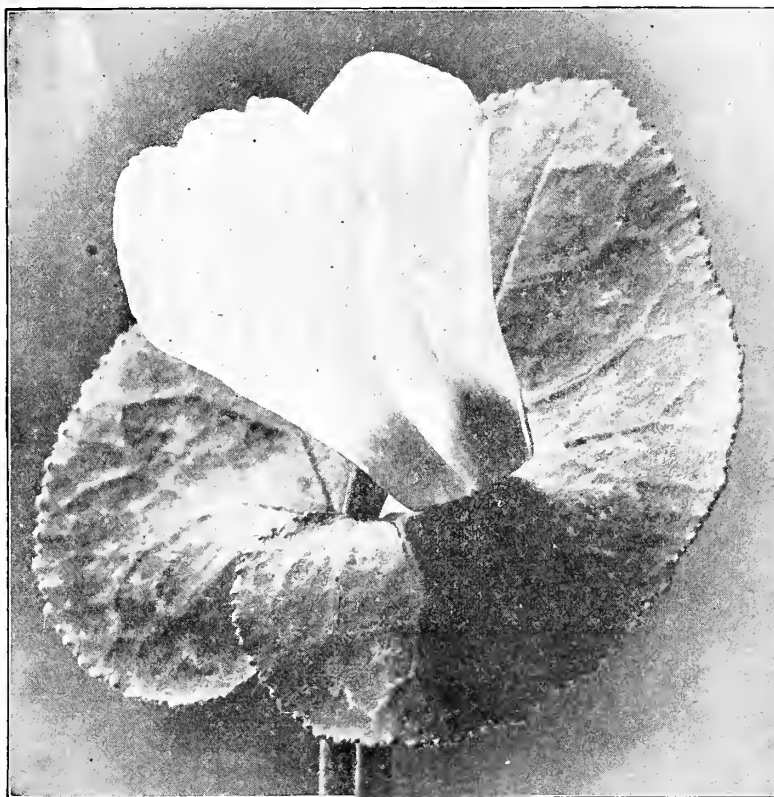
	Large Pkt.	Pkt.
Flammula. Feathery-white, fragrant flowers...\$0.15	\$0.15	\$0.05
Jackman's Large Flowering. Mixed; saved from the finest, large flowering sorts .....	.40	.15
Paniculata (Japanese Virgin's Bower). The beautiful autumn flowering variety so much admired for its fragrant, white, star-shaped flowers...	.20	.10

CYPERUS (Umbrella Plant)

Alternifolius. An elegant plant for growing in water or damp places40	.10
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English Daisy



Michell's Fancy Giant Cyclamen

CYCLAMEN

MICHELL'S "DISTINCTIVE" GIANT

Grown for us in England by a Specialist who has received numerous First Prizes for the large size and beautiful coloring of the flowers.

	100 Seeds.	Pkt.
Duke of Connaught. Crimson	\$1.75	\$0.50
Excelsior. White with red eye	1.75	.50
Grandiflora Alba. White	1.75	.50
Princess of Wales. Pink	1.75	.50
Salmon Queen. Salmon pink	2.00	.50
St. George. Flowers a beautiful salmon color; leaves margined with silver	2.00	.50
Mixed. All colors	1.50	.40

VARIOUS CYCLAMEN

Mrs. Buckston. Frilled and waved flowers; color delicate salmon. Original pkt.....		.75
Papilio (Butterfly). The edges of the flowers are beautifully fringed, or waved; mixed colors....	1.50	.40
Persicum. Choice mixed	\$0.50	\$0.10
Sutton's Giant. Choicest mixed. Original pkt...		1.00

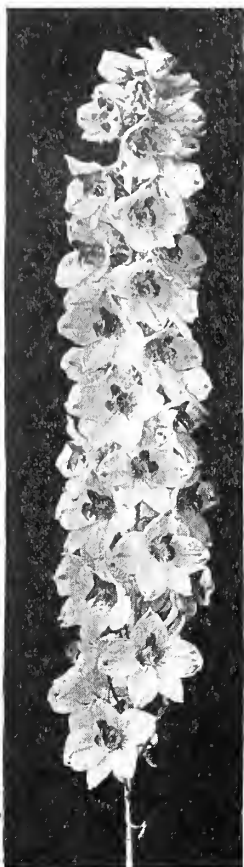
Ask for Cultural Leaflet No. 215 on the growing of Cyclamen.

DAISY, ENGLISH DOUBLE (Bellis Perennis)

These are strictly biennials, and seed should be sown from June 1st till September, transplanted in the fall, and they will flower in the following spring. If sown in the spring they will flower in the autumn; 4 inches.

	Large Pkt.	Pkt.
Monstrosa, Pink. This strain produces the largest and most perfectly double flowers of any variety	\$0.65	\$0.25
Monstrosa, White .....	.65	.25
Monstrosa, Mixed .....	.65	.25
Longfellow. Large double pink flowers .....	.40	.10
Snowball. Purest white; large and double.....	.40	.10
Double Mixed .....	.40	.10

MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Delphinium—Kelway's Giant

DELPHINIUM (Hardy Larkspur)

One of the finest hardy perennials; easily grown from seed; effective in beds, masses or borders. Large Pkt. Pkt.

Belladonna. One of the most continuous blooming varieties; large spikes of clear turquoise blue; 5 feet\$0.65 \$0.25

Chinense Grandiflorum. A dwarf strain with loose branches and sprays of bright blue flowers; 2 feetoz., 90c. .25 .05

Chinense Grandiflorum Album. Pure white flowersoz., 90c. .25 .05

Duke of Connaught. Rich oxford blue with a distinct white eye50 .15

Elatum (Bee Larkspur). Rich blue; 4 feet, oz., \$1.50 .30 .10

Formosum. Deep blue; 5 feet.....oz., \$1.00 .25 .10

Formosum Coelestinum. Sky blue50 .15

Kelway's Giant. Plants are of strong, vigorous growth, with immense spikes of large flowers; many shades of blue; 5 to 7 feet... .50 .15

Nudicaule. Bright scarlet; 18 inches..... .50 .10

Queen Wilhelmina. Soft lavender blue, flushed with rose, white eye50 .15

Rev. E. Lascelles. Large double, deep blue flowers with white centre50 .15

Hybridum Mixed. Choicest; 4 feet...oz., 75c. .20 .05

DIANTHUS (Hardy Garden Pinks)

Clove Scented. Double and semi-double varieties, in beautiful colors; fragrant..... .40 .10

Double Scotch. Choice mixed colors40 .15

Pheasant's Eye. Single white fringed flowers with dark centreoz., 60c. .15 .05

DICTAMNUS (Gas Plant)

Large Pkt. Pkt.

Fraxinella. Showy bushy plants 2½ feet high; purple red flowers; perennial; June and July\$0.20 \$0.05

DRACENA

Ornamental plants for vases or conservatory decoration.

Large Pkt. Pkt.

Australis. Green and red colored leaves.....\$0.20 \$0.10

Indivisa. Narrow green leaves15 .10

EDELWEISS

Leontopodium Alpinum. The famous Alpine flower, suitable for rock work, etc.; 6 inches.. .40 .15

EUPATORIUM

Fraseri. Tall bushy plants with loose heads of feathery white flowers; perennial; 2 feet..... .20 .10

FERNS

Very desirable plants for ferneries.

Adiantum (Maiden Hair). Mixed65 .15

Pteris Varieties. Mixed65 .15

Choice Mixed. Choice collection65 .15

We can also furnish all other varieties of fern spores.

GAILLARDIA (Blanket Flower)

One of the most showy hardy perennials; spikes of gorgeously colored flowers of immense size; blooms all summer; hardy perennial; 2 feet.

Large Pkt. Pkt.

Grandiflora Compacta. A compact variety; choice mixed colors; 12 to 15 inches\$0.20 \$0.10

Grandiflora Sanguinea. Blood red flowers..... .25 .15

Grandiflora Semi-Double. Mixed30 .10

Grandiflora Sulphurea. Sulphur yellow..... .30 .10

Grandiflora Superba. Mixed colors.....oz., 60c. .15 .10

GENTIANA (Blue Gentian)

Acaulis. Dwarf hardy perennial; deep blue flowers; suited to moist, shady situations..... .30 .10

GERANIUM

100 Seeds. Pkt.

Apple Scented. Highly esteemed on account of its fern-like, fragrant foliage; 1 foot.....\$0.40 \$0.10

Pelargonium (Lady Washington). Seed saved from the largest flowered show varieties..... 1.75 .25

Large Pkt. Pkt.

Zonale Mixed. A superb strain of the largest and finest varieties; 1 to 2 feet\$0.30 \$0.10



Digitalis Gloxiniaeflora



Gaillardia, Grandiflora

DIGITALIS (Foxglove)

Handsome ornamental hardy plants of stately growth, succeeding almost anywhere. Produces long spikes of beautiful tubular-shaped flowers; blooms during June and July; 4 to 5 feet.

Oz. Large Pkt. Pkt.

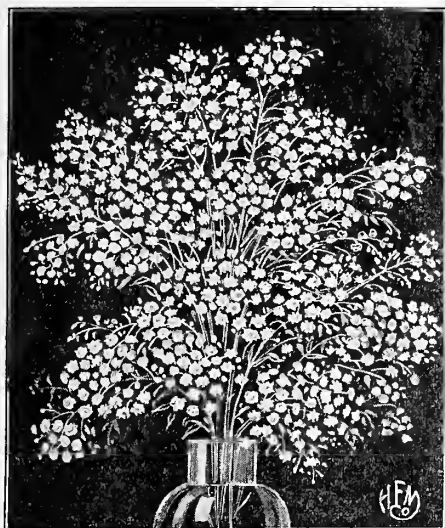
Gloxiniaeflora, Pink\$1.00 \$0.25 \$0.10

Gloxiniaeflora, White 1.00 .25 .10

Gloxiniaeflora, Mixed75 .20 .05

Grandiflora, Yellow75 .20 .05

Monstrosa (Mammoth Foxglove). The tall spikes are surmounted by one monstrous flower; all colors mixed 1.25 .30 .10



Gypsophila Paniculata Fl. Pl.

GYPSOPHILA (Baby's Breath)

	Large Pkt.	Pkt.
<i>Elegans Alba Grandiflora</i> . An annual variety; delicate sprays of pure white flowers..oz., 25c.	\$0.15	\$0.05
<i>Paniculata</i> . Hardy perennial; flowers in graceful sprays of white; 2 feet.....oz., 75c.	.20	.05
<i>Paniculata</i> , Fl. Pl. Double white (See cut).....		.20

HELIOPSIS (Orange Sunflower)

<i>Pitcheriana</i> . A handsome hardy perennial; deep orange yellow flowers; excellent for cutting; 3 to 4 feet15	.10
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HELIOTROPE

<i>Lemoine's Giant</i> . Produces a profusion of flowers of extra large size; mixed colors.....	.50	.15
<i>Regal</i> . Of dwarf compact growth; immense flowers; all shades .....	.50	.15
<i>Choice Mixed</i> . Of many varieties .....	.30	.10

HEUCHERA (Alum Root)

<i>Sanguinea</i> . Splendid plant; spikes of vivid crimson flowers; excellent for cutting; 1 foot.....	50	.10
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HIBISCUS (Marshmallow)

Showy, ornamental plants, having large sized, beautiful bell-shaped flowers; perennial.		
<i>Crimson Eye</i> . Large white flowers with crimson centre; 4 feet	\$0.20	\$0.10
<i>Golden Bowl</i> . Giant yellow, maroon centre.....	.25	.10
<i>Moscheutos</i> . Rosy red with dark centre.....	.15	.05
<i>New Giant (Mallow Marvel)</i> . Mixed .....	.30	.15



New Giant Hibiscus

GERBERA (Transvaal Daisy)

Splendid greenhouse perennials with large fine leaved, daisy-like flowers; splendid for pot plants or cutting.

<i>Jamesoni Gigantea</i> . Extra large flowers of brightest scarlet	\$1.25	\$0.25
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<i>Jamesoni Hybrida</i> . These hybrids produce many colors and shades	1.25	.25
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GEUM Large Pkt. Pkt.

<i>Atrosanguineum</i> Fl. Pl. Hardy perennial with large, showy, double, dark crimson flowers; 1½ feet.....	\$0.25	\$0.10
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GLOXINIA

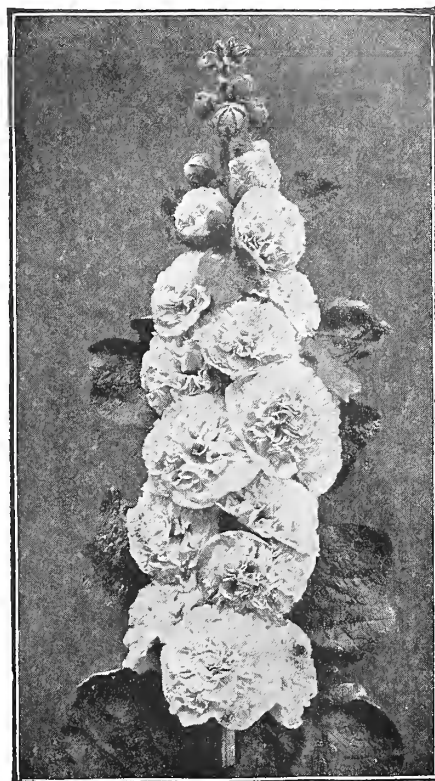
<i>Hybrida Grandiflora</i> . The best strain in existence, embracing all the choicest self-colored, and tigered and spotted flowers75	.25
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GOLDEN ROD

(*Solidago Canadensis*)

A well-known hardy perennial; deep golden yellow flowers; 2 feet20	.05
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**For Hardy
Perennial Plants
see pages 40 to 45**



Hollyhocks

HOLLYHOCK

A popular and desirable hardy perennial plant; excellent for planting among shrubbery or forming a background for other flowers; 6 to 7 feet.

	Oz.	Large Pkt.	Pkt.
<i>Allegheny</i> . Semi-double; mammoth flowers, edges fringed and lacinated; mixed.....	\$1.00	\$0.25	\$0.10
<i>Chater's Double Maroon</i>	1.25	.30	.10
<i>Chater's Double Red</i>	1.25	.30	.10
<i>Chater's Double Pink</i>	1.25	.30	.10
<i>Chater's Double Salmon</i>	1.25	.30	.10
<i>Chater's Double White</i>	1.25	.30	.10
<i>Chater's Double Yellow</i>	1.25	.30	.10
<i>Chater's Double Mixed</i>	1.00	.25	.10
Collection, one packet each of above 6 colors .....			.50
<i>Double Ever-blooming Mixed</i> . Colors range from white to deep black, yellow, pink, red and purple	1.25	.30	.15
<i>Single Ever-blooming Mixed</i>	1.00	.25	.10
<i>Single Mixed</i>	1.00	.20	.10

IMPATIENS (Sultan's Balsam)

<i>Holstii</i> . Resembles <i>Impatiens Sultani</i> in leaf and shape of bloom, but surpassing it in quicker growth and its larger and brighter colored flowers .....	.50	.20
<i>Holstii</i> , "New Hybrids." Many rare and beautiful shades .....	.50	.15
<i>Sultani</i> . Brilliant rosy-scarlet .....	.50	.15
<i>Sultani Hybrida</i> . Colors ranging from pale pink to dark crimson .....	.50	.15

INCARVILLEA (Hardy Gloxinia)

<i>Delavayi</i> . Deeply cut hairy foliage with stout stalks terminated with 3 to 5 most beautiful pink, gloxinia-like flowers; May; 15 inches...	.50	.25
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IRIS (Flowering Flag)

<i>Kaempferi</i> (Japanese Iris). Perennial; blooms the second year from seed; mixed colors.....	.15	.10
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MICHELL'S "DISTINCTIVE" FLOWER SEEDS

KENILWORTH IVY (*Linaria Cymbalaria*)

A charming, neat trailing plant, for baskets, vases, pots, etc.; flowers violet.....\$0.30 Large Pkt. Pkt. \$0.05

LATHYRUS LATIFOLIUS (Everlasting or Perennial Pea)

Free flowering, hardy perennial climber with clusters of flowers resembling Sweet Peas; excellent for cutting.

	Oz.	Large Pkt.	Pkt.
Crimson. Brilliant	\$0.60	\$0.20	\$0.10
Pink Beauty. Bright rosy-pink	1.00	.25	.10
White .....	.90	.20	.10
Choice Mixed. All colors .....	.75	.20	.05

LAVENDER (*Lavendula Vera*)

Well-known perennial plant bearing long spikes of fragrant blue flowers; 18 inches..... .25 .05

LILY OF THE VALLEY (*Convallaria Majalis*)

Lovely plants, bearing pure white, fragrant, bell-shaped flowers early in spring..... .40 .10

LOBELIA

Cardinalis (Cardinal Flower). Hardy perennial; tall spikes of bright scarlet flowers, very showy .50 .10



Lupinus Polyphyllus (Perennial Lupin)

LUPINUS (Lupins)

A valuable and showy flower and valuable for cutting; seeds sown in greenhouse during the late summer and fall months will produce an abundance of bloom for winter.

	Oz.	Large Pkt.	Pkt.
Blue	\$0.50	\$0.15	\$0.05
Pink .....	.50	.15	.05
Scarlet, White Tipped .....	.50	.15	.05
White .....	.50	.15	.05
Mixed. Annual varieties .....	.40	.15	.05

LUPINUS (Perennial Varieties)

Polyphyllus Blue	\$0.15	\$0.05
Polyphyllus Roseus. Pink .....	.30	.10
Polyphyllus Somerset. Yellow .....	.40	.15
Polyphyllus White .....	.15	.05
Polyphyllus Mixed	oz., 30c.	.15 .05

Ask for Cultural Leaflet No. 217 on the culture of Lupinus.

LYTHRUM (Rose Loose-Strife)

	Large Pkt.	Pkt.
Roseum Superbum. Plants grow 3 feet high and produce spikes of rosy flowers from July to September; perennial	\$0.15	\$0.10

LYCHNIS

Perennials of easy culture; most effective in beds or borders.

	Large Pkt.	Pkt.
<i>Arkwrightii</i> (New). Many shades and colors in mixture .....		.30
<i>Chalcedonica</i> (Rose Campion). Fine scarlet cross-like flowers; 2 feet; July	oz., 50c.	.15 .05
<i>Haageana</i> . Brilliant, large, orange, scarlet, pink, or crimson flowers; mixed; 1 foot; July.....	.50	.10

MIGNONETTE

Valuable for cutting on account of its fragrance; sow in succession during the whole summer; may also be forced in greenhouses during the winter.

	Large Pkt.	Pkt.
<i>Allen's Defiance</i> . Spikes invariably attain a height of 12 to 15 inches; deliciously fragrant; oz., 60c.	\$0.20	\$0.10
<i>Bismarck</i> . Compact plant of strong growth; stout spikes of large flowers .....	.25	.10
<i>Golden Machet</i> . Large golden yellow....oz., 50c.	.15	.10
<i>Goliath</i> . Giant spikes of brilliant red flowers....	.20	.10
<i>Machet</i> . Large reddish tinted, sweet scented flowers	oz., 50c.	.15 .10
<i>Michell's Colossal</i> . Foliage, stalks and flowers are very robust. The flower-spikes often average 18 inches; extremely fragrant .....	.50	.15
<i>Miles' Spiral</i> . Flowers whitish.....oz., 40c.	.15	.05
<i>Parsons White</i> . Fragrant white flowers.oz., 40c.	.15	.05
<i>Sutton's Giant</i> . Reddish buff. Original pkts....	.40	
<i>Sweet Scented</i> . The popular garden sort.oz., 15c.		.05

Ask for Cultural Leaflet No. 204 on the growing of Mignonette.

MUSA ENSETE (Abyssinian Banana)

A handsome tropical plant for planting individually or for the centre of beds; foliage broad and massive and very effective; 10 to 15 feet. Seeds should be started in hot bed or bottom heat in greenhouse. Per 10 seeds, 30c.



Myosotis (Forget-Me-Not)

MYOSOTIS (Forget-Me-Not)

Neat and beautiful little plants with star-shaped flowers, succeeding best in a moist semi-shaded situation; for spring flowering sow in July or August.

	Large Pkt.	Pkt.
<i>Alpestris Victoria</i> . Of bushy habit; bearing large bright blue flowers; very fine; 6 inches.....	\$0.30	\$0.10
<i>Dissitiflora</i> . Deep green foliage and attractive deep blue flowers .....	.50	.10
<i>Eliza Fanrobert</i> . Large flowering, bright blue...	.30	.10
<i>Grandiflora Alba</i> . Large white flowers; 8 inches	.30	.10
<i>Grandiflora Rosea</i> . Large pink flowers; 8 inches	.30	.10
<i>Palustris</i> . The true Forget-Me-Not; bright blue flowers; 8 inches .....	.50	.10
<i>Palustris Semperflorens</i> . Dwarf; blooms the entire season; deep blue .....	.50	.10
<i>Royal Blue</i> . Upright grower; blue; 1 foot.....	.40	.10
<i>Ruth Fischer</i> . A compact plant with light blue flowers; splendid for pots .....	.65	.25
<i>Choice Mixed</i> . Various shades of blue, rose and white	oz., 90c.	.20 .05

MICHELL'S GIANT PANSIES

25

Seed sown in frames during July and August and transplanted later gives us the main crop of flowers the following spring. Pansies thrive best in moist semi-shady situations.

PANSIES IN MIXTURES

	Large Pkt.	Pkt.
Michell's Giant Exhibition. A blending of our own containing only the very choicest secured from the leading Pansy specialists; it can be relied upon to produce flowers of immense size, very heavy texture and of the most brilliant colors. Per oz., \$10.00; \$5.25 per ½ oz.; ¼ oz., \$3.00; \$1.75 per ⅛ oz.	\$0.65	\$0.25
Triumph of the Giants Mixed. Immense flowers of great brilliancy and richness of coloring, including many new and rare shades. Per oz., \$11.00; \$3.25 per ¼ oz.; per ⅛ oz., \$2.00. ....	.75	.50
Bugnot, Odier and Cassier. A superb mixture of giant blotched varieties ⅛ oz., \$1.00	.65	.25
Giant Trimardeau. Very large flowering; all colors mixed ¼ oz., 75c. ....	.40	.10
Mad. Perret. Early flowering, fragrant, especially rich in red shades ¼ oz., \$1.25	.65	.25
Masterpiece (Frisled Pansy). Flowers beautifully curled or waved ⅛ oz., \$1.00	.65	.25
Odier or Blotched. Beautiful strain, ⅛ oz., \$1.00	.65	.15
Parisian Large Stained. Choicest colors, ⅛ oz., \$1.00	.50	.15
Finest English Mixed oz., \$1.50	.30	.10
Very Fine Mixed oz., \$1.25	.25	.05

Ask for Cultural Leaflet No. 209 on the growing of Pansies.

GIANT PANSIES—Separate Colors

A strain secured from the leading pansy specialists, and not to be compared with the ordinary Giant Trimardeau, as the flowers are of much heavier texture.

	¼ oz.	Large Pkt.	Pkt.
Giant Prize, Azure Blue. Violet blue.	\$1.25	\$0.50	\$0.15
Giant Prize, Black Blue. Dark velvety.	1.25	.50	.15
Giant Prize, Emperor William. Ultramarine blue 1.25	.50	.15	
Giant Prize, Hortensia Red. Scarlet.	1.25	.50	.15
Giant Prize, King of the Blacks. 1.25	.50	.15	
Giant Prize, Lord Beaconsfield. Violet.	1.25	.50	.15
Giant Prize, Peacock. Upper petals blue, lower petals deep claret with white margin 1.25	.50	.15	
Giant Prize, Snow Queen. Pure white.	1.25	.50	.15
Giant Prize, Striped and Mottled. 1.25	.50	.15	
Giant Prize, White, with dark eye. 1.25	.50	.15	
Giant Prize, Pure Yellow 1.25	.50	.15	
Giant Prize, Yellow, with dark eye. 1.25	.50	.15	

SPECIAL OFFER. We will send 6 packets of any of the above varieties of Giant Pansies for 75c.; or the entire 12 pkts. for \$1.40.

PASSIFLORA (Passion Flower)

	Large Pkt.	Pkt.
Ornamental climbing plants for the greenhouse or the garden; mixed colors \$0.25	\$0.25	\$0.10

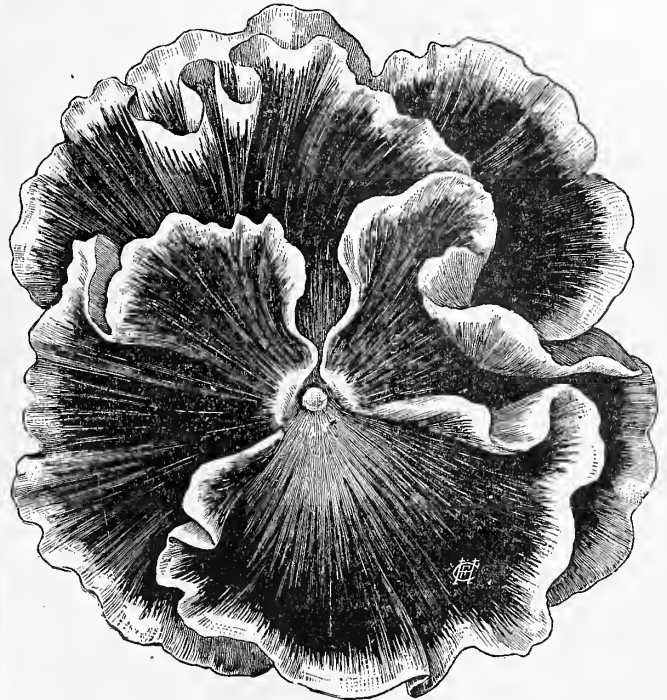
PENTSTEMON (Beard Tongue)

A beautiful perennial plant producing large spikes of handsome flowers.

	Large Pkt.	Pkt.
Barbatus Torreyi. Spikes of brilliant coral red, very effective; 3 to 4 feet \$0.30	\$0.30	\$0.10
Sensation. Plants produce large spikes of gloxinia-like flowers of the most brilliant colors; 2 feet; requires protection ..... .40	.40	.15
Mixed. Produces large spikes of handsome flowers; 3 feet ..... .25	.25	.05

HARDY PHLOX

Decussata. For a gorgeous show these are the most satisfactory of all perennials; plants 2 feet high, in all bright colors; sow seeds late in fall and they will germinate in the spring. ....	.30	.10



Pansy—Michell's Giant Exhibition

PANSIES—Regular Sorts in Separate Colors

	Oz.	Large Pkt.	Pkt.
Belgian Striped. Showy \$2.50	\$2.50	\$0.30	\$0.10
Emperor William. Ultramarine blue ... 2.50	2.50	.30	.10
Faust (King of the Blacks) 2.50	2.50	.30	.10
Gold Margined. Purple, golden edge. 2.50	2.50	.30	.10
Havana Brown 2.50	2.50	.30	.10
Lord Beaconsfield. Violet 2.50	2.50	.30	.10
Mahogany Colored 2.50	2.50	.30	.10
Silver Edged. Purple, silver edge 2.50	2.50	.30	.10
Snow Queen. Pure white 2.50	2.50	.30	.10
White with dark eye 2.50	2.50	.30	.10
Yellow Gem. Pure yellow 2.50	2.50	.30	.10
Yellow with dark eye 2.50	2.50	.30	.10

SPECIAL OFFER. We will send 6 packets of any of the above varieties of regular sorts of Pansies for 50c.; or the entire 12 packets for 90c.

PHYSOSTEGIA (False Dragon Head)

A pretty hardy perennial, bearing freely, delicate tubular flowers; 3 to 4 feet; July-August.

	Large Pkt.	Pkt.
Virginica. Pink \$0.25	\$0.25	\$0.10
Virginica Alba. White ..... .30	.30	.10

PLATYCODON (Chinese Bell Flower)

A very desirable perennial, of erect bushy growth; very handsome for garden decoration.

	Large Pkt.	Pkt.
Grandiflorum, Blue. Hardy perennial; large bell-shaped flowers; 2 to 3 feet \$0.30	\$0.30	\$0.05
Grandiflorum, White ..... .30	.30	.05
Japonicus Fl. Pl. (Double Japanese Bell Flower). Large, glossy, deep blue flowers ..... .50	.50	.15

POLYANTHUS (Primula Elatior)

Beautiful spring flowering hardy perennials, either for pot culture or for the garden; succeeds best in partial shade; 9 inches.

	Large Pkt.	Pkt.
Gold Laced. Flowers of brilliant colors, with distinct yellow edge \$0.50	\$0.50	\$0.15
Double Mixed. Beautiful colors ..... .65	.65	.15
English Mixed. The best single ..... .30	.30	.10

MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Poppy—Oriental Hybrids



Michell's Prize Chinese Primula

POPPY (Perennial)

	Large Pkt.	Pkt.
Giant Scarlet (Bracteatum). Extra large flowers; 3 feet	\$0.15	\$0.10
Iceland (Nudicaule). White .....	.30	.10
Iceland. Yellow .....	.30	.10
Iceland. Double Mixed .....	.30	.10
Iceland. Single Mixed .....	.25	.10
Orientele. Extra large flowers; deep scarlet....	.20	.10
Orientele. Beauty of Livermere. Crimson with black blotch .....	.50	.10
Orientele. Mrs. Perry. Rich salmon pink.....	.50	.10
Orientele. Hybrids. Beautiful flowers, of large size, mixed colors .....	.30	.10

PUERARIA THUNBERGIANA (Kudzu Vine)

One of the fastest growing hardy climbing plants; grows 8 to 10 feet the first year from seed; after the first year it will grow 30 to 50 feet in a season; rosy purple pea-shaped blossoms....	.20	.10
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PYRETHRUM (Perennial)

Roseum. Flowers bright rose color; July; 2 feet	.30	.10
Uliginosum. Large, single white flowers; September; 3 to 4 feet30	.10
Hybridum Single Mixed. Large flowers ranging in color from light pink to deep red, with bright yellow centres; July; 2 feet .....	.30	.10
Hybridum Double Mixed .....	.65	.25

RUDBECKIA (Coneflower)

Newmani. Large yellow flowers with black centre; perennial; 2 feet; all summer .....	.40	.10
Purpurea. (Giant Purple Coneflower). Hardy perennial; reddish purple flowers, with dark brown disc; 3 feet .....	.30	.10

SALVIA

Azurea Grandiflora. Hardy perennial producing during August and September spikes of pretty sky-blue flowers; 2 feet .....	.30	.10
Farinacea. A perennial variety, but best treated as an annual; color, light blue; 2 feet.....	.30	.10

SCABIOSA

Handsome perennial border plants, flowering the entire season.	Large Pkt.	Pkt.
Caucasica. Soft blue	\$0.50	\$0.10
Caucasica Alba. Pure white .....	.50	.10
Japanica. Lavender .....	.20	.10

PRIMULA

FRINGED CHINESE PRIMROSE

Our strains are unsurpassed and have won many first prizes.	Large Pkt.	Pkt.
Alba Magnifica. White flowers with yellow eye..	\$0.75	\$0.40
Chiswick Red. Brilliant red .....	.75	.40
Duchess. Large; white with zone of rosy carmine, yellow eye .....	.75	.40
Holborn Blue. A beautiful shade .....	.75	.40
Kermesina Splendens. Crimson .....	.75	.40
Pink Pearl (New). Brilliant pink .....	.75	.40
Rosy Morn. Delicate pink .....	.75	.40
Stellata (Sutton's). Excellent pot plant; mixed..		1.00
Fern Leaved. Choicest mixed colors .....	.75	.25
Michell's Prize Mixture. This mixture contains only the very finest sorts selected from the best strains .....	.75	.25
Imported Collection. 8 varieties .....		.75

PRIMULA OBCONICA GIGANTEA

A great improvement over the old type; flowers much larger, and produced in greater abundance.	Large Pkt.	Pkt.
Lilacina. Pale lilac	\$0.65	\$0.20
Rosea. Pink .....	.65	.20
Kermesina. Crimson .....	.65	.20
Alba. White .....	.65	.20
Hybrida Mixed .....	.65	.20

PRIMULA OBCONICA GRANDIFLORA

Compacta. Dwarf, compact plants with rosy lilac flowers .....	.65	.25
Crispa. Flowers large, curled; color, from apple blossom pink to rose .....	.65	.20
Fimbriata. Flowers fringed; mixed colors.....	.65	.15
Vesuvius. Deep crimson .....	.65	.25

PRIMULA (Various Sorts)

Buttercup. Yellow flowers; fine for pots.....	\$0.65	\$0.25
Kewensis (Verbena Scented Yellow Primrose). Spikes each 12 to 18 inches long; color, soft yellow .....	.65	.25
Malacoides. Resembles Primula Forbesi; flowers larger; if grown in greenhouse will bloom in four to five months after sowing; light lilac...	.65	.20
Malacoides Rosea. Light rose to carmine rose..	.65	.20
Malacoides Alba. Flowers pure white .....	.65	.20
Malacoides Superba. Large flowers of a deep rosy pink color .....		.25
Veris (English Cowslip). Hardy perennial; fragrant; mixed .....	.30	.10
Vulgaris (English Primrose). The common hardy English variety; canary yellow .....	.40	.10

Ask for Cultural Leaflet No. 206 on the growing of Primulas.

MICHELL'S "DISTINCTIVE" FLOWER SEEDS

27

Michell's "Distinctive" Stocks

The seeds we offer are hand-saved from pot-grown specimens and will produce a large percentage of double flowers.

MICHELL'S FLOWER MARKET STOCK

This is the ideal stock for either garden, cutting or forcing under glass. Plants branch freely and produce from 10 to 15 heavy spikes of extra large perfect flowers; height, 2 feet.

	Large Pkt.	Pkt.		Large Pkt.	Pkt.
Blood Red	.....\$0.40	\$0.15	Rose Pink	.....\$0.40	\$0.15
Dark Blue	......40	.15	White	......40	.15
Flesh Pink	......40	.15	Mixed	......40	.15
Light Blue	......40	.15			

MICHELL'S COLUMN STOCK

Stout plants produce just one giant spike, lined with mammoth flowers; height, 3 feet.

	Large Pkt.	Pkt.
Blood Red	.....\$0.40	\$0.15
Pure White	......40	.15

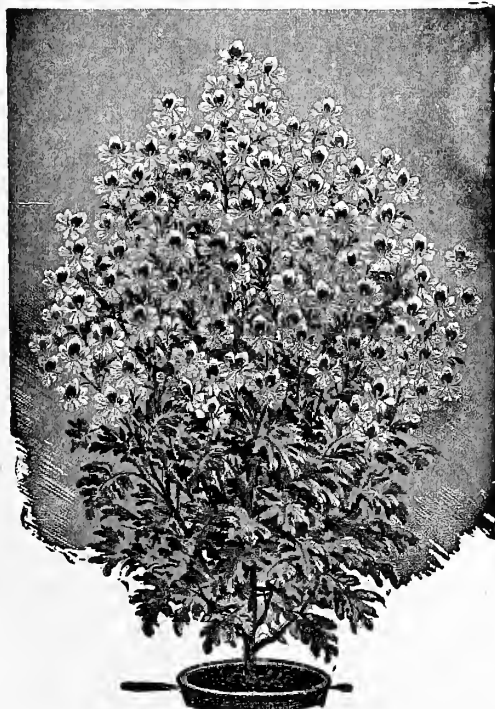
LARGE FLOWERED DWARF TEN-WEEK STOCK

	Large Pkt.	Pkt.		Large Pkt.	Pkt.
Blood Red	.....\$0.30	\$0.10	White	.....\$0.30	\$0.10
Light Blue	......30	.10	Yellow	......30	.10
Pink	......30	.10	Mixed	......30	.10
Purple	......30	.10			

VARIOUS STOCKS

Bismarck. A splendid sort for cutting; immense pure white flowers are regularly lined along a colossal spike (often 30 inches in length, with many side shoots)	.....\$0.40	\$0.15
Brompton or Winter. Fine for forcing under glass or early summer flowering outdoor.....	.40	.10
Princess Alice (Cut-and-Come-Again). Branching plants with double pure white flowers; fine for cutting	......40	.10
Wall-flower Leaved. Glossy deep green foliage with flowers in all shades	......40	.10

Ask for Cultural Leaflet No. 211 on the growing of Stocks.



Schizanthus—Wisetonensis



Michell's "Nice" Stock

MICHELL'S "NICE" STOCK

An early flowering strain; remarkable free bloomer, producing an abundance of large double, fragrant flowers on a single plant; fine for garden bedding or cutting.

Abundance. Of dwarf spreading habit, bearing a profusion of flowers; color, a beautiful shade of carmine rose. Pkt., 15c.; 40c. large pkt.

Beauty of Nice. Delicate soft pink. Pkt., 15c.; 40c. large pkt.

Crimson King. Brilliant fiery crimson. Pkt., 15c.; 40c. large pkt.

La Brillante. Rich brilliant crimson. Pkt., 15c.; 40c. large pkt.

Midsummer Night. Deep dark violet. Pkt., 15c.; 40c. large pkt.

Mme. Rivoire. Early flowering; color, pure white. Pkt., 15c.; 40c. large pkt.

Queen Alexandra. Delicate lavender. Pkt., 15c.; 40c. large pkt.

Victoria. Pure white. Pkt., 15c.; 40c. large pkt.

Choice Mixed. All colors. Pkt., 15c.; 40c. large pkt.

SCHIZANTHUS (Butterfly Flower)

One of our finest hardy annuals, bearing a profusion of pretty butterfly-like flowers of various colors; also desirable for winter blooming in pots.

	Large Pkt.	Pkt.
Grandiflorus Maximus. Flowers extra large, and of various colors	.....	\$.025
Hybridus Grandiflorus. Free flowering plants covered with flowers of many shades of orchid-like appearance; 12 inches	.....\$0.25	.10
Pink Beauty. A beautiful shade of rose pink...		.40
Wisetonensis. A showy variety, largely used as a pot plant for the house or conservatory; bears a profusion of flowers ranging from white with yellow centre to pink with brown centre.....	.50	.20
Mixed. Various colors15	.05

SHAMROCK

True Irish. Small leaved30	.10
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SMILAX

A desirable greenhouse climber of great value for floral decorations; seed should be soaked 24 hours in warm water before sowing....oz., 60c.	.15	.10
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STATICE (Everlasting Flower)

Latifolia. Hardy perennial variety, with large, deep blue flowers; 2 feet30	.10
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MICHELL'S SWEET PEAS

Winter Flowering Spencer or Orchid Sweet Peas

	Pkt.	Oz.
Asta Ohn. Rich lavender.....	\$0.25	\$1.75
Helen Lewis. Orange pink .....	.25	1.75
Lavender Nora .....	.15	.50
Lavender Pink Orchid .....	.15	1.25
Mrs. A. A. Skaach. Clear, light pink.....	.15	1.25
Mrs. M. Spanolin. Pure white .....	.15	1.25
Mrs. William Sim Orchid. Salmon pink.....	.15	1.25
Pink and White Orchid .....	.15	1.25
Red Orchid .....	.15	1.25
Rose Queen. Flowers are borne freely on long stems, are of large size, and usually four flowers are produced on a stem. Color a most attractive shade of pink ¼ oz., \$1.50		
Venus. White, blushed pink .....	.15	1.25
Wedgewood. Lovely clear blue .....	.25	1.75
White Orchid .....	.15	1.25
Yarrowa. Flowers exquisitely waved, and of large size, many of them being duplex or double. Color, a pleasing shade of bright rose pink with lighter wings		
Mixed Colors .....	.10	.75

EARLY FLOWERING LONG SEASON SPENCER SWEET PEAS

One of the chief characteristics of these varieties is their long-season period of blooming, frequently remaining in bloom for four months. The flowers are of large size, of the best Spencer form, and are borne in threes and fours on long stems.

	Pkt.	Oz.
Early Heatherball. Mauve lavender	\$0.15	\$1.25
Early Hercules. Soft rose pink .....	.25	1.75
Early Liberty. Deep sunproof crimson.....	.25	1.75
Early Meadow Lark. Rich cream.....	.25	1.75
Early Melody. Rose pink on white ground.....	.15	1.25
Early Morning Star. Deep orange scarlet in standard, with rich, orange-pink wings.....	.15	1.25
Early Snow Flake. Large pure white.....	.15	1.25
Early Song Bird. Pale pink on white ground...	.15	1.25
Early Songster. Rich lavender .....	.25	1.75
Early Spring Maid. Light pink on white ground	.15	1.25
Early Sunset. Rich, mauve pink on white ground	.25	1.75
Early Warbler. Rich, mauve purple .....	.25	1.75

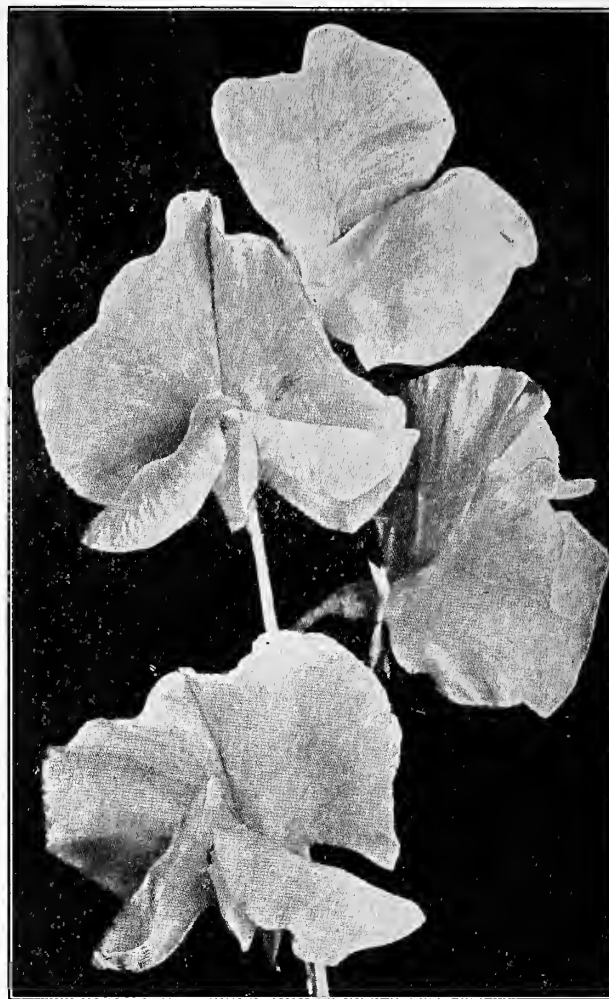
MICHELL'S CHRISTMAS OR WINTER FLOWERING SWEET PEAS

	Pkt.	Oz.	¼ Lb.
Michell's Snowdrift. Pure white; black seeded; extra early	\$0.10	\$0.25	\$0.75
Christmas Meteor. Scarlet .....	.10	.20	.60
Christmas Pink. Pink and white .....	.10	.20	.60
Christmas White (Florence Denzer).....	.10	.20	.60
Earliest of All. Pink and white.....	.05	.15	.50
Le Marquis. Large dark blue .....	.10	.20	.60
Mont Blanc. Pure white.....	.05	.20	.60
Mrs. Alex. Wallace. Lavender.....	.10	.20	.60
Mrs. Chas. H. Tetty. Lavender.....	.10	.20	.60
Mrs. F. J. Delansky. Daybreak pink.....	.10	.20	.60
Mrs. William Sim. Salmon pink.....	.10	.20	.60
Watchung. Pure white .....	.10	.20	.60
Mixed. Winter flowering .....	.10	.20	.60

SPENCER OR ORCHID FLOWERING VARIETIES

For early blooming out-doors we recommend sowing seed the latter part of November and covering with 2 or 3 inches of leaves or litter; these will bloom the following year much earlier than spring-sown seed.

	Pkt.	Oz.	¼ Lb.	Lb.
Apple Blossom Spencer. Rose and pink.....	\$0.10	\$0.30	\$0.85	\$3.00
Asta Ohn Spencer. Rich lavender....	.10	.25	.75	2.50
Blanche Ferry Spencer. Pink and white	.10	.30	.85	3.00
Captain of the Blues Spencer. Purple and blue .....	.10	.30	.85	3.00
Constance Hinton. Large white.....	.10	.50	1.50	5.00
Countess Spencer. Soft rose pink....	.10	.25	.75	2.25



Spencer or Orchid Sweet Pea

SPENCER OR ORCHID FLOWERING VARIETIES

(Continued)

	Pkt.	Oz.	¼ Lb.	Lb.
Dobbies Cream. Cream or primrose yellow	\$0.10	\$0.25	\$0.75	\$2.50
Edith Taylor. Salmon rose .....	.15	.50	1.50	4.75
Fiery Cross. Orange scarlet.....	.15			
Flora Norton Spencer. Light lavender	.10	.25	.75	2.50
Florence Morse Spencer. Delicate blush	.10	.25	.75	2.50
Florence Nightingale. Lavender.....	.10	.30	.85	3.00
Frank Dolby. Light lavender.....	.10	.20	.60	2.00
George Herbert. Rose carmine.....	.10	.25	.75	2.50
Gladys Unwin. Delicate pink.....	.10	.15	.50	1.50
Helen Lewis. Orange pink.....	.10	.25	.75	2.50
Helen Pierce Spencer. White mottled blue .....	.10	.50	1.50	5.00
Henrietta. Rose pink on cream ground	.25	2.50		
Henry Ohn. Rich cream pink.....	.10	.60	2.00	6.00
Hercules. Giant pink .....	.10	.40	1.25	3.75
Illuminator. Salmon pink .....	.10	.50	1.50	5.00
King Edward Spencer. Crimson scarlet	.10	.30	.85	3.00
King Manoel. Rich maroon.....	.10	.50	1.50	5.00
King White. Pure white .....	.10	.40	1.25	4.00
Lavender George Herbert. Bluish lavender .....	.10	.30	.85	3.00
Lord Nelson Spencer. Navy blue....	.10	.30	.85	3.00
Margaret Madison Improved. Lavender or azure blue .....	.10	.50	1.50	4.75
Marks Tey. Purplish maroon .....	.15	.50	1.50	5.00
Miriam Beaver. Apricot and buff....	.15	.50	1.50	5.00
Mrs. Cuthbertson. Standard rose pink, wings blush white .....	.10	.30	.85	3.00
Mrs. Hugh Dickson. Salmon pink on cream ground10	.25	.75	2.50

MICHELL'S "DISTINCTIVE" FLOWER SEEDS

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SWEET PEAS. (Continued.)

SPENCER OR ORCHID FLOWERING VARIETIES

	Pkt.	Oz.	¼ Lb.	Lb.
Nora Unwin. Large pure white.....	\$0.10	\$0.15	\$0.50	\$1.50
Nubian. Maroon or deep chocolate...	.10	.30	.85	3.00
Othello Spencer. Deep maroon.....	.10	.30	.85	3.00
Primrose Spencer. Light yellow.....	.10	.30	.85	3.00
Rosabelle. Giant rose .....	.10	.30	.85	3.00
Royal Purple. Rich purple.....	.10	.60	2.00	6.00
Scintillator. Striped and flaked orange rose on cream ground.....	.25	2.50		
Thomas Stevenson. Orange scarlet...	.10	.30	.85	3.00
Vermilion Brilliant. Intense scarlet..	.10	.50	1.50	5.00
Wedgewood. Lovely self-blue.....	.10	.50	1.50	5.00
White Spencer. Pure white.....	.10	.25	.75	2.25
MicHELL's Superb Spencer Mixture....	.10	.20	.60	2.00

GRANDIFLORA VARIETIES

	Oz.	¼ Lb.	Lb.
Blanche Burpee. Large, pure white.....	\$0.15	\$0.40	\$1.25
Blanche Ferry. Pink and white.....	.15	.40	1.25
Countess of Radnor. Pale lavender.....	.15	.40	1.25
Dorothy Eckford. Large white .....	.15	.40	1.25
Flora Norton. Delicate lavender .....	.15	.40	1.25
Hon. Mrs. E. Kenyon. Primrose yellow...	.15	.40	1.25
King Edward VII. Crimson scarlet.....	.15	.40	1.25
Lady Grisell Hamilton. Pale lavender...	.15	.40	1.25
Lord Nelson. Rich navy blue .....	.15	.40	1.25
Lovely. Soft shell pink .....	.15	.40	1.25
Miss Wilmott. Deep orange pink .....	.15	.40	1.25
Navy Blue. Deep violet blue.....	.15	.40	1.25
Othello. Dark maroon .....	.15	.40	1.25
Prima Donna. Lovely soft pink .....	.15	.40	1.25
Queen Alexandra. Scarlet .....	.15	.40	1.25
MicHELL's Gilt Edge Mixture .....	.10	.30	1.00

Price, any of the Above varieties, 5c. per packet.

STOKESIA (Cornflower or Stokes' Aster)

A very desirable hardy perennial plant, bearing freely from July to October handsome Centaurea-like blossoms; 1½ to 2 feet.

	Large Pkt.	Pkt.
Cyanea. Light blue	\$0.25	\$0.10
Cyanea Alba. Pure white .....	.30	.10

SUNFLOWER (Helianthus)

Showy perennials blooming all summer.

Golden Bouquet. Single yellow flowers; 5 feet...	.30	.10
Choice Mixed. Single flowering .....	.40	.10

SWEET ROCKET (Hesperis)

Mixed. Fragrant white and purple flowers; perennial; 2 to 3 feet15	.05
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Single Sweet William

SWEET WILLIAM (Dianthus Barbatus)

One of the finest hardy garden plants; of easy culture, and lasting for years. The plants grow about 1½ feet high.

	Large Pkt.	Pkt.
Auricula Flowered. Single mixed.....	\$0.20	\$0.05
Single Crimson .....	.15	.05
Single Pink Beauty. Salmon pink.....	.40	.15
Single Scarlet Beauty. Deep scarlet.....	.40	.15
Single Velvety Maroon .....	.15	.05
Single White .....	.15	.05
Single Mixed. All colors.....	.15	.05
Double Mixed .....	.20	.10

VALERIANA (Garden Heliotrope)

Hardy perennial border plants; fragrant flowers; 2 to 3 ft.

	Large Pkt.	Pkt.
Mixed	\$0.20	\$0.05

VERONICA (Speedwell)

An elegant hardy perennial of easy culture; valuable as a cut flower or for garden effect.

Spicata. Bright blue; 18 inches	\$0.30	\$0.10
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VIOLA CORNUTA (Tufted Pansies)

These resemble pansies in shape and form, with the additional quality that they have long stems, and bloom from early spring till late in fall.

	Large Pkt.	Pkt.
Admiration. Dark blue	\$0.50	\$0.10
Mauve Queen. Lovely mauve color .....	.50	.10
Perfection. Light blue .....	.50	.10
White Perfection. Pure white .....	.50	.10
Mixed. All colors .....	.40	.10

VIOLA (Scotch Bedding Pansies)

These are very free flowering and cannot be surpassed for bedding purposes; produce larger flowers than the Viola Cornuta.

	Large Pkt.	Pkt.
Golden Gem. Yellow	\$0.50	\$0.15
Lutea Splendens. Rich golden yellow.....	.50	.10
Snowflake. Pure white .....	.50	.15
Mixed. From the best named Scotch varieties..	.65	.25

WALLFLOWER

While these are perennials, they are not perfectly hardy; the plants should be lifted late in the fall and planted in a cold-frame, and removed to the garden again in the spring; the flowers are fragrant and splendid for cutting; double varieties, 2 feet; single varieties, 1½ feet.

	Large Pkt.	Pkt.
Double Brown	\$0.50	\$0.10
Double Yellow .....	.50	.10
Double Mixed. All colors.....	.50	.10
Single Mixed .....	.15	.05
Imported Collection. 6 double varieties.....	.50	
Imported Collection. 6 single varieties.....	.40	

Paris Extra Early. A single-flowering variety, which may be treated as an annual flowering the first year from seed.

	Large Pkt.	Pkt.
Paris Extra Early. Blood Red	\$0.20	\$0.10
Paris Extra Early. Yellow .....	.20	.10
Paris Extra Early. Mixed. All colors, oz., 75c.	.15	.10

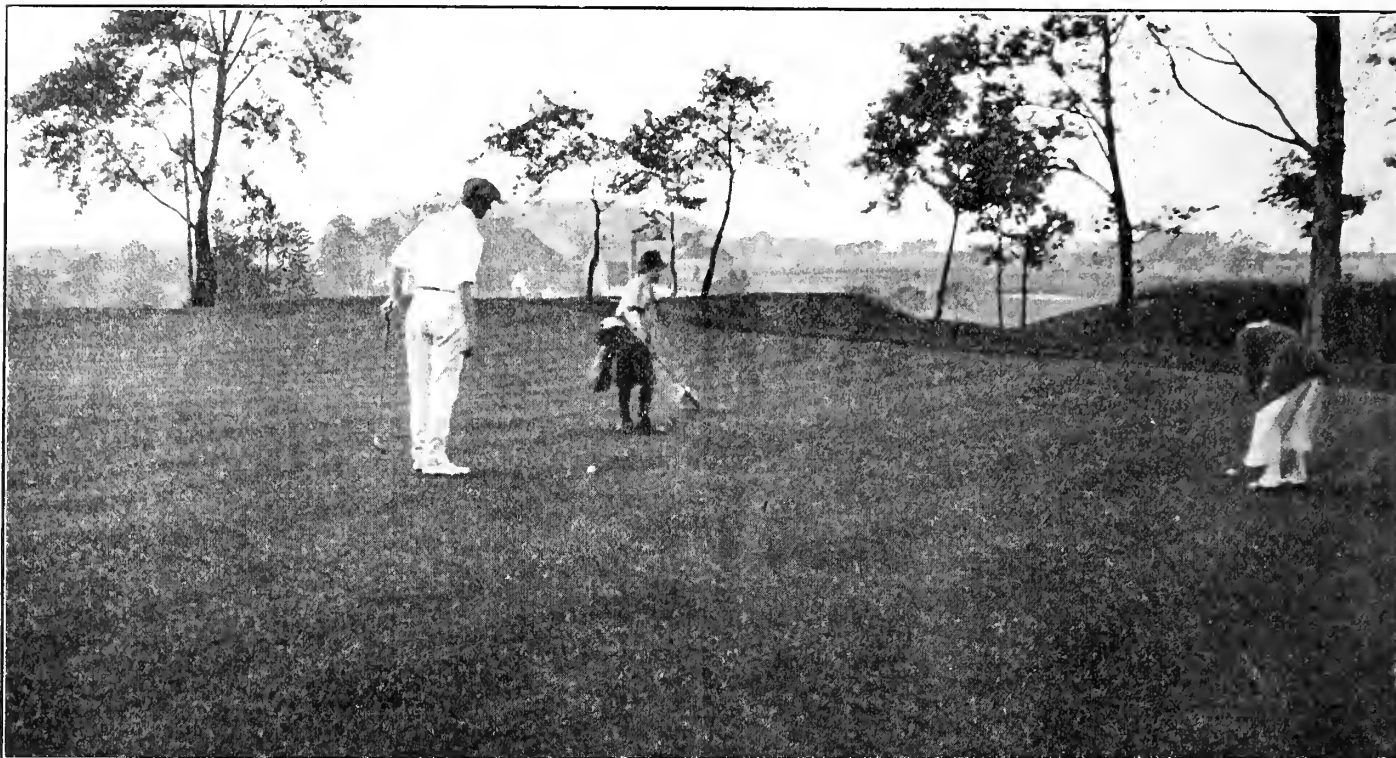
MICHELL'S COLLECTION OF HARDY PERENNIAL FLOWER SEEDS

18 Varieties. Special Price, \$1.25. One packet each of the following:

Alyssum Saxatile.	Gypsophila. Paniculata.
Aquilegia. Single Mixed.	Hollyhock. Double Mixed.
Calliopsis. Lanceolata Grandiflora.	Lobelia. Cardinalis.
Campanula. Pyramidalis.	Poppy. Orientale.
Delphinium. Formosum.	Pyrethrum. Single Mixed.
Dianthus. Clove Scented.	Rudbeckia. Purpurea.
Digitalis. Gloxiniaeflora.	Scabiosa. Caucasia.
Mixed.	Stokesia. Cyanea.
Gaillardia. Grandiflora.	Sweet William. Double.
	Mixture of Perennial Flowers.

MICHELL'S PERENNIAL FLOWER GARDEN MIXTURE

To create an old-fashioned wild garden or to naturalize along roads or woods we highly recommend this mixture, as it contains many hundred varieties of the choicest old-fashioned flowers. Pkt., 10c.; 40c. per oz.; per ¼ lb., \$1.25.



A Scene at Sunnybrook Golf Club, Flourtown, Pa. Michell's Grass Seeds Used Extensively

MIXTURES FOR LAWNS

Michell's Clover Lawn Grass. The increasing demand for a grass seed mixture, containing a larger proportion of White Lawn Clover, induced us to offer this brand. After extensive trials we have produced a mixture of grasses, mixed with a most liberal quantity of best recleaned white clover. Especially suited to take firm hold and grow quickly on hard, worn out or burned spots; splendid for seashore lawns. Pint, 30c.; 50c. qt.; 2 qts., 90c.; \$1.75 for 4 qts.; per peck, \$3.00; \$11.50 per bushel.

Michell's Top Notch. 25 lbs. per bushel. The finest Lawn Mixture in existence, and can justly be called the top-notch of quality. It is a perfectly blended combination of quick growing; very compact, fine bladed grasses, that will produce a perfect lasting turf in a few weeks. Price, \$2.00 per pk.; \$7.50 per bushel of 25 lbs.; 2 bushels, \$14.50; \$35.00 per 5 bushels; 100-lb. lots and over, 28c. lb.

Michell's Green Velvet. 20 lbs. per bushel. Produces a perfect lawn in 4 to 5 weeks' time. Sow 4 bushels per acre. Prices: 1 pt., 20c.; 30c. per qt.; 4 qts., 85c.; \$1.25 per peck; per bushel, \$5.00; \$24.00 per 5 bushels; 100-lb. lots and over, 24c. lb.

Michell's Evergreen. 20 lbs. per bushel. The standard Lawn Mixture in the United States. Sow 4 bushels per acre. Prices: Pint, 15c.; 25c. per qt.; 4 qts., 75c.; \$1.00 per peck; bushel (20 lbs.), \$4.00; \$19.50 per 5 bushels; 100-lb. lots and over, 19½c. lb.

Michell's Shaded Lawn Grass. Will produce perfect swards in the most densely shaded places. Prices: 30c. per qt.; 85c. per 4 qts.; peck, \$1.50; \$6.00 per bu. (20 lbs.); 100-lb. lots and over, 28½c. per lb.

Fairmount Park Lawn Seed. Sow 4 bu. to the acre. Prices: per qt., 20c.; 60c. for 4 qts.; 85c. per peck; per bushel of 15 lbs., \$3.00; 100-lb. lots and over, 19c. per lb.

Michell's Seashore Formula Grass Seed. Contains such grasses as thrive in salt air regions. Sow 4 bu. to the acre. Prices: per qt., 25c.; 85c. for 4 qts.; \$1.25 per peck; per bu. of 20 lbs., \$5.00; 100-lb. lots and over, 24c. per lb.

Michell's Terrace or Embankment Grass Seed. Sow 4 bu. to the acre. Prices: per qt., 25c.; 75c. for 4 qts.; \$1.25 per peck; per bu. of 20 lbs., \$5.00; 100-lb. lots and over, 24c. per lb.

MIXTURES FOR LAWNS (Continued)

Southern States Lawn Grass Seed. Made up especially for dry, hot localities, especially suited to the Southern States. 15 lbs. per bu. Prices: 20c. per qt.; 60c. for 4 qts.; peck, \$1.00; \$3.50 per bu.; 100-lb. lots and over, 21c. per lb.

Special Sod Grass Seed. Producing a heavy sod in a short time. 15 lbs. per bu. Prices: 25c. per qt.; 75c. for 4 qts.; peck, \$1.00; \$4.00 per bu.; 100-lb. lots and over, 25c. per lb.

Woodlands Lawn Mixture. 20 lbs. per bu. For sowing in dense shade among trees, in woods, etc. \$1.00 per peck; per bu., \$4.00; \$19.50 for 5 bu.; 100-lb. lots and over, 19½c. per lb.

MIXTURES FOR PLEASURE GROUNDS

Michell's Fair Greens Mixture Golf Course

Composed of short-growing, deep-rooted varieties, resisting plenty of wear. Golf courses, to retain their permanency, should receive additional sowings during the season. Sow 6 bu. per acre. Prices: per qt., 25c.; 75c. for 4 qts.; 1 peck, \$1.25; 1 bu. (20 lbs.), \$5.00; 100-lb. lots and over, 23¼c. per lb.

Michell's Putting Greens Mixture

A quick-growing mixture of short, thin-bladed grasses, over which the ball can roll without resistance. We do not recommend less than 1 bu. of 25 lbs. to a green 75 feet square. Prices: 1 qt., 30c.; 4 qts., \$1.15; 1 peck, \$2.25; 1 bu. (25 lbs.), \$9.00; 100-lb. lots and over, 35c. per lb.

Teeing Grounds Mixture. Used on golf courses or in places where a tough, resisting turf is wanted (20 lbs. per bu.). 25c. per qt.; 4 qts., 65c.; \$1.00 per peck; per bu., \$4.00.

Lawn Tennis Grass Seed. Tennis courts need grasses of a hardy nature, of fine leaf and close, compact growth. Our mixture will be found particularly adapted for the purpose (20 lbs. per bu.). Prices: 1 qt., 25c.; 75c. for 4 qts.; per peck, \$1.25; \$4.50 per bu.; 100-lb. lots and over, 21¼c. per lb.



MICHELL'S "HAY FIELD" GRASS SEEDS

Per Qt. 20c
Per 4 Qts. 60c
Per Peck \$1.00
Per Bushel \$3.50
100-Lb. Lots
16½c Lb.

MIXTURES FOR MISCELLANEOUS PURPOSES

Michell's Permanent Pasture Grass Seed. In the past few years ideas of what was the best way to establish a permanent grazing sod have undergone many changes. The old prevalent method of sowing timothy and clover has been found not only costly, but too short-lived to answer the purpose. The old custom has given way to the new, which is the sowing of a mixture of permanent grasses. Michell's Permanent Pasture Grass Seed is composed of about 10 of the best growing and most nutritious grasses and clovers for stock feeding or grazing. One sowing will last many years, although we advise additional sowing each autumn, just previous to which a light harrowing is recommended to give the grass a quick hold. Sow 3 to 4 bu. per acre on new land or 2 bu. on established pastures (15 lbs. per bu.). Prices: per qt., 20c.; 4 qts., 60c.; per peck, \$1.00; per bu. (20 lbs.), \$3.50; 100-lb. lots and over, 16c. per lb.

Michell's Permanent Hayfield Grass Seed. While timothy is still extensively sown for this purpose, this mixture is gradually being adopted by the progressive farmer. Its main advantages are that certain grasses in this mixture will grow better in varying conditions of soil, thus giving a full crop of hay on land that otherwise might produce but a half crop of timothy and clover. Our formula is the outcome of thorough trials in every kind of soil. Sow 3 to 4 bu. per acre on new lands or 2 bu. on established fields (15 lbs. per bu.). Prices: per qt., 20c.; 4 qts., 60c.; per peck, \$1.00; per bu. (20 lbs.), \$3.50; 100-lb. lots and over, 16½c. per lb.

Michell's Poultry Yard Grass Seed. Chickens love grass and should be placed where they can get it as much as possible. We put plenty of clover seed in this mixture, as it is very nutritious, and the fowls relish it (15 lbs. per bu.). 20c. per qt.; 4 qts., 60c.; 85c. per peck; bu., \$3.00.

WHITE CLOVER

Choice re-cleaned for sowing on lawns, pastures, etc. Sow 10 to 12 lbs. per acre (60 lbs. per bu.). Per ¼ lb., 20c.; 60c. per lb.; 5 lbs., \$2.80; \$5.50 for 10 lbs.; per bu., \$32.40; per 100 lbs., \$54.00.

GRASSES IN SEPARATE VARIETIES

All Strictly Re-cleaned and Carefully Tested for Purity and Germination.

Prices Subject to Market Changes

We handle the best re-cleaned grass seeds in separate varieties. Some persons like to do their own mixing or prefer to sow only one kind of grass; we make no charge for mixing.

Lbs. per bush.	Lb. Bush.	100 lbs.
35 Bermuda Grass	\$0.60	
14 Blue Grass (Kentucky). Extra fancy 3 to 5 bu. per acre (\$1.25 per peck)	.35	\$4.50 \$30.00
14 Blue Grass (Canadian). 3 to 5 bu. per acre .....	.30	3.00 20.00
20 Creeping Bent., 4 bu. per acre.....	Price on application	
21 Crested Dogstail. 3½ to 4 bu. per acre .....	.50	9.00 40.00
24 English Rye (Pacey's Fancy Short Seeded). Fine for Lawns. 3 bu. per acre .....	.25	4.25 16.00
14 Fine Leaved Fescue.....	Price on application	
10 Herd or Red Top. Unhulled, 4 to 5 bu. per acre .....	.18	1.50 12.00
12 Hard Fescue. 30 lbs. per acre.....	Price on application	
18 Italian Rye. 50 lbs. per acre.....	.25	4.00 17.50
22 Meadow Fescue. English Blue Grass.	.25	4.00 16.50
12 Orchard. 40 lbs. per acre .....	.40	4.50 33.00
14 Red or Creeping Fescue .....	.60	7.50 50.00
32 Red Top. Re-cleaned .....	.30	7.75 22.00
14 Rhode Island Bent. 40 lbs. per acre..	.75	7.25 65.00
12 Sheep's Fescue. 40 lbs. per acre.....	Price on application	
Sudan Grass .....	.45	
Sweet Vernal (Perennial). 3 lbs. per acre with other grass	Price on application	
Sweet Vernal (Annual). 3 lbs. per acre with other grass	Price on application	
10 Tall Meadow Oat (French Rye Grass)	.35	3.00 25.00
45 Timothy Seed. ½ bu. per acre alone	.20	
14 Wood Meadow. 30 lbs. per acre.....	Price on application	

All Prices Are Subject to Changes Without Notice.

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32 MICHELL'S SEASONABLE VEGETABLE SEEDS

For complete list see our General Seed Catalog, mailed free on request.

WE PAY POSTAGE AND PACKING CHARGES

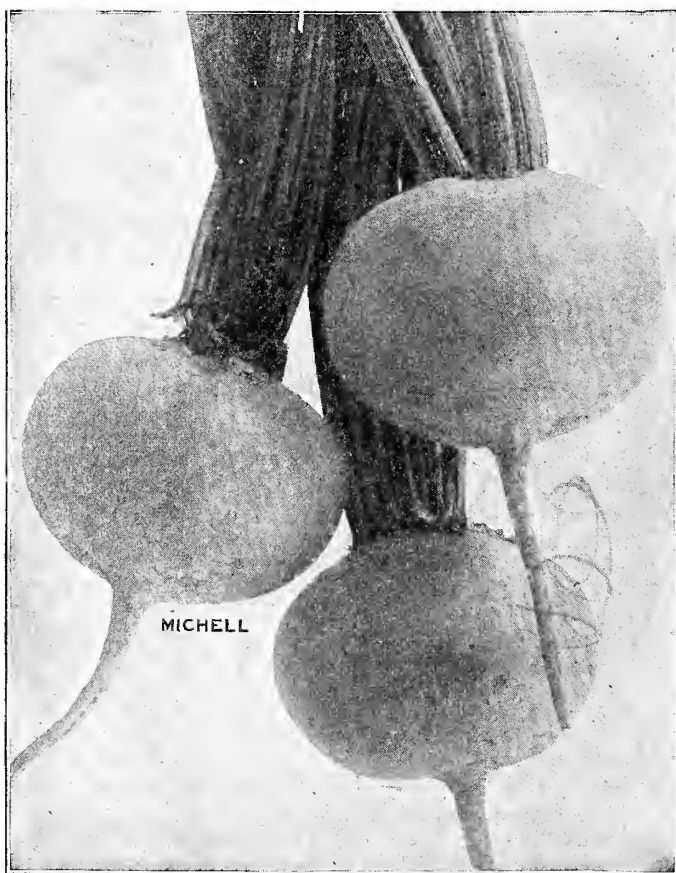
(Except as noted)

on all orders for vegetable and flower seeds, provided the order calls for packets, ounces, quarter-pounds and pounds (pints and quarts of beans, corn, cowpeas and mixed grass seeds are not included), or such other seeds where mention is made in catalogue. If all seeds are wanted by mail, remit for postage at the following rates. (Consult your post office for weight limits.)

No charge is made for boxes, packing or bags, except for two-bushel seamless sacks, 75c each, which are returnable for credit at the price charged.

Mailing Weights of Seeds Usually Ordered in Measured Quantity

Corn, 1 pint.....1 lb.	Beans, 1 pint .....1 lb.
Corn, 1 quart .....2 lbs.	Beans, 1 quart .....2 lbs.
Peas, 1 pint .....1 lb.	Lawn seed, 1 pint...½ lb.
Peas, 1 quart .....2 lbs.	Lawn seed, 1 quart..1 lb.



Crosby's Egyptian Beet

BEET—Table Varieties

	Pkt.	Oz.	¼ Lb.	Lb.
Arlington Favorite Blood (Turnip).....	\$0.05	\$0.20	\$0.75	\$2.50
Bassano Extra Early (Turnip)....	.05	.20	.60	2.00
Bastian's Early Turnip .....	.05	.20	.60	2.00
Bastian's Half Long Blood .....	.05	.15	.60	2.00
Crimson Globe (Michell's Imp.)...	.05	.25	.75	2.50
Crosby's Egyptian (Turnip) .....	.05	.20	.75	2.50
Detroit Dark Red (Turnip).....	.05	.20	.75	2.25
Eclipse Extra Early (Round).....	.05	.15	.60	2.00
Edmand's Blood (Turnip) .....	.05	.15	.60	2.00
Lentz Turnip .....	.05	.20	.60	2.00

BEANS FOR FORCING

These are a very prolific crop in the greenhouse.

Best of All. A round podded sort, especially suited for forcing. A great producer	Pkt.	Pt.	Qt.
Stringless Green Pod Imp. Pods are round, thin and tender, but very long.....	\$0.10	\$0.35	\$0.65
	.10	.45	.85

ENGLISH CUCUMBERS (For Forcing)

They produce slender fruits, generally 18 to 24 inches long and 3 inches in diameter.

Lockie's Perfection, Sion House, Telegraph, Tender and True. Each per packet of 12 seeds, 25c.; \$2.00 per 100 seeds.

CAULIFLOWER (Varieties Suitable for Forcing)

Michell's Earliest Snowstorm. Colossal heads of purest white, averaging often 10 inches in diameter; being very long and compact, it gives enormous weight to the individual heads. Pkt., 25c.; 50c. per large pkt.; ¼ oz., \$1.50; \$2.50 per ½ oz.; 1 oz., \$5.00.

Michell's Special Strain Selected Erfurt. One of the earliest in cultivation, small leaved dwarf; splendid forcer. Pkt., 20c. and 50c.; 85c. per ¼ oz.; ½ oz., \$1.50; \$2.75 per oz.

Early Snowball. A splendid early variety, producing magnificent medium size white heads. Pkt., 20c. and 50c.; \$1.00 per ¼ oz.; ½ oz., \$1.75; \$3.00 per oz.

FORCING CARROTS

	Pkt.	Oz.	¼ Lb.	Lb.
Early Half Long Scarlet. A very desirable pointed root variety of fine flavor and good color	\$0.05	\$0.25	\$0.75	\$2.50
Rubicon Half Long. Of excellent shape and extremely well adapted for early forcing .....	.05	.30	.85	3.00
Oxheart or Guerande. An early forcing variety; small round roots, not much larger than a Radish .....	.05	.25	.75	2.50

COLLARDS (Georgia or Southern)

These are extensively grown in the South and used as greens during the winter months. Pkt., 5c. and 10c.; 20c. per oz.; ¼ lb., 60c.; \$2.00 per lb.

CORN SALAD

This is usually sown early in September and allowed to stand outside all winter. Before severe weather settles, cover the salad with a light litter of leaves, hay or straw. On mild days it can be cut just like spinach, lasting well into the spring.

	Pkt.	Oz.	¼ Lb.	Lb.
Large Leaved Round Seeded.....	\$0.05	\$0.20	\$0.65	\$2.25

CRESS

Garden and Water Cress make an excellent winter crop under glass, and will always be welcomed on the table.

Erfurt Water Cress. Pkt., 10c.; 20c. per ½ oz.; oz., 40c.; \$1.50 per ¼ lb.

Extra Curled Garden Cress or Pepper Grass. Pkt., 5c.; 15c. per oz.; ¼ lb., 30c.; \$1.00 per lb.



Water Cress

MICHELL'S PRACTICAL GARDEN POINTERS

Is the title of a publication we have compiled that contains a mine of information on things horticultural and agricultural. There is a free copy for you. Just say, Send me "Practical Garden Pointers," and watch how quick you get it.

MICHELL'S SEASONABLE VEGETABLE SEEDS 33

LETTUCE

Varieties especially suited for forcing and sowing under glass.

	Pkt.	½ oz.	Oz.	¼ lb.	Lb.
All Heart	\$0.10	\$0.15	\$0.25	\$0.75	\$2.25
Big Boston (Selected Stock)...	.05	.10	.20	.60	2.00
Boston Market (White Seeded)...	.05	.10	.20	.50	1.50
Dutch Butter (Private Stock)...	.10	.15	.30	1.00	2.50
Early Cabbage or White Butter...	.05	.10	.20	.45	1.50
Grand Rapids (Forcing).....	.05	.10	.20	.60	1.50
Davy's Improved Big Boston ...	.10	.20	.40	1.25	
Unrivalled .....	.05	.10	.20	.60	2.00
Way-ahead .....	.10	.15	.25	.65	

For other Varieties see our General Seed Book

KALE

This can be sown early in September, broadcast or in drills. When severe cold weather is at hand it should be protected with a covering of straw, salt hay or other litter.

	Pkt.	Oz.	¼ Lb.	Lb.
Dwarf Green Curled	\$0.05	\$0.20	\$0.80	\$3.00
Dwarf Green Scotch .....	.05	.20	.80	3.00
New Imperial Long Standing .....	.05	.20	.80	3.00

FORCING MELONS OR CANTALOUPE

They require a very warm well-shaded house.

	Per Pkt.
Blenheim Orange, Invincible Scarlet, each.....	\$0.25
Sutton's A1 .....	.50
Windsor Castle .....	.25
Melon Nets. For supporting forcing melons in greenhouses, made very strong. \$1.50 per doz.; per 100, \$10.00.	

MUSTARD

Fine winter greens, if sown in a heated frame or greenhouse, also fine if served with lettuce salad for flavoring.

White or Yellow. Pkt., 5c. and 10c.; 15c. per oz.; ¼ lb., 30c.; \$1.10 per lb.



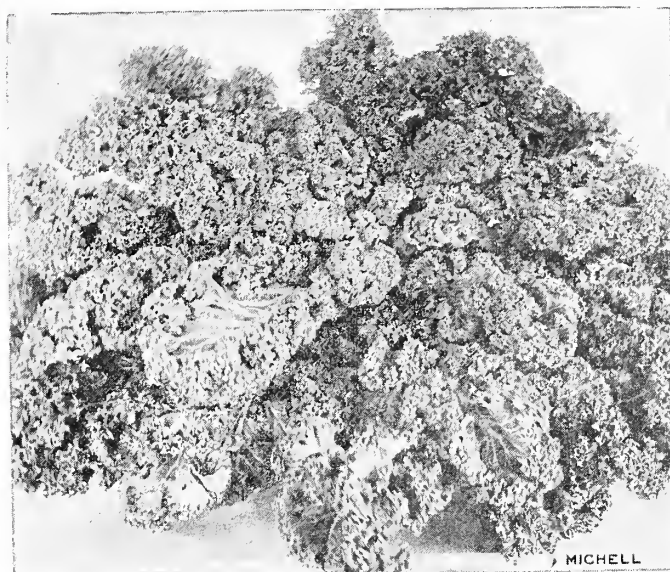
Tree or Top Onions

ONION SETS

	Qt.	4 qts.	Peck
Tree or top, 28 lbs. per bushel	\$0.25	\$0.85	\$1.25
White, 32 lbs. per bushel	Prices will be quoted on application.		
Yellow, 32 lbs. per bushel			

PARSLEY

	Pkt.	Oz.	¼ Lb.	Lb.
Champion Moss Curled	\$0.05	\$0.15	\$0.50	\$1.50
Double Curled (Covent Garden)...	.05	.15	.50	1.50
Hamburg or Rooted .....	.05	.15	.50	1.50



Dwarf Green Scotch Kale

RADISH

	Pkt.	Oz.	¼ Lb.	Lb.
Black (½ Long Winter)	\$0.05	\$0.20	\$0.50	\$1.75
Black Spanish (Round Winter)...	.05	.20	.50	1.75
Cardinal Globe .....	.05	.20	.60	2.25
Cardinal Globe (Improved Strain)...	.10	.25	.75	2.50
Celestial or White Chinese (Winter) .....	.05	.20	.50	1.75
Crimson Giant (New) .....	.05	.15	.50	1.75
French Breakfast .....	.05	.20	.60	2.00
Icicle (Long, Pure White) .....	.05	.20	.60	2.25
Icicle (Improved Strain) .....	.10	.25	.75	2.50
Long Scarlet Short Top .....	.05	.20	.60	2.00
Round Red Forcing or Button....	.05	.20	.60	2.00
China Rose (Winter) .....	.05	.20	.50	1.75
Scarlet Turnip (White Tipped)....	.10	.20	.60	2.25
White Box (Felton's Private Stock) .05	.20	.60	2.00	

SPINACH

Bloomsdale (Improved Strain)....	\$0.05	\$0.20	\$0.60	\$2.25
Long Season (New) .....	.05	.20	.60	2.25
New Zealand .....	.05	.20	.60	2.25

TOMATOES (Adapted for Forcing)

Michell's Cracker Jack. One of the best for forcing; its productiveness is wonderful and is quite free from acid. Fruits are of medium size and of a brilliant rich scarlet color. Per pkt., 10c.; ½ oz., 30c.; 60c. per oz.

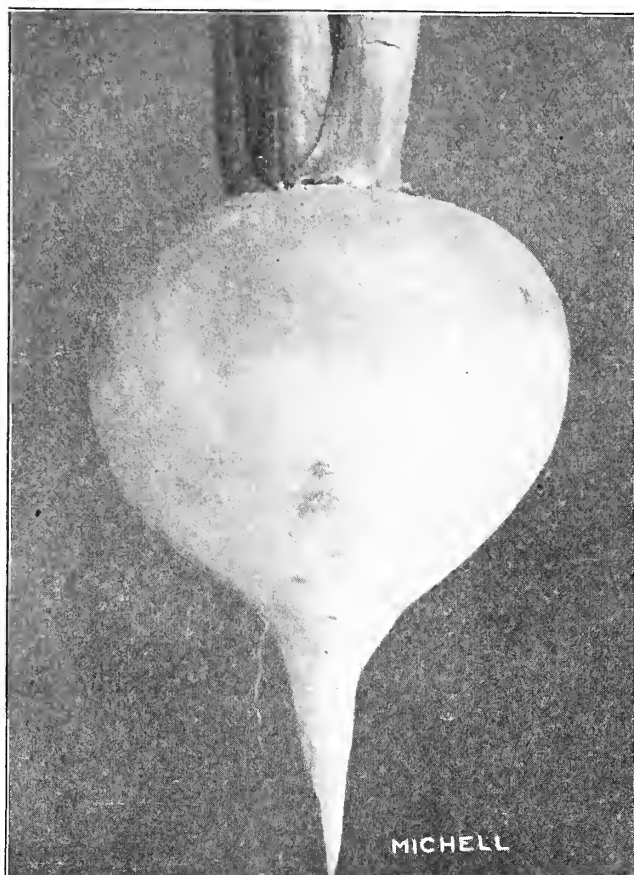
Balch's Fillbasket. Fine forcer. 15c. pkt.; ½ oz., 25c.; 50c. oz.; per ¼ lb., \$1.75.

Sutton's Best of All. One of the finest varieties in use in England, and the seed we offer is grown from Sutton's original stock. The fruit is medium sized, and of an intense red color, containing but few seeds, it is produced in clusters of from 3 to 6 fruits. Pkt., 15c.; 25c. ½ oz.; oz., 50c.; \$1.75 per ¼ lb.

Comet. A cluster averages 6 tomatoes of medium size of the brightest red, ripening up to the stem. One of the first to ripen and continues in bearing for a long while. Pkt., 10c.; 25c. per ½ oz.; oz., 50c.; \$1.75 per ¼ lb.

Sutton's Eclipse. A very smooth fruit, borne singly on plants which produce little foliage, a good point in a forcing tomato, vermilion red color; original packets, 50c.

34 Michell's Seasonable Vegetable Seeds, Plants and Roots



Private Strain Improved Purple Top White Globe Turnip

TURNIP AND RUTA BAGA

	Pkt.	Oz.	¼ Lb.	Lb.
Cow Horn	\$0.05	\$0.20	\$0.60	\$2.25
Early Purple Top, Flat .....	.05	.20	.60	2.25
Purple Top White Globe (Private Stock) .....	.10	.30	.75	2.50
Purple Top White Globe .....	.05	.25	.65	2.25
Ruta Baga, Yellow Purple Top....	.05	.20	.65	2.50
Ruta Baga, Yellow Purple Top (Private Stock) .....	.10	.25	.75	2.75
Yellow Aberdeen, Flat .....	.05	.20	.60	2.25
Yellow Globe or Amber .....	.05	.20	.60	2.25

MICHELL'S SUPERIOR MUSHROOM SPAWN

Brandywine Pure Culture Spawn

1 brick, 35c.; \$1.50 for 5 bricks; 10 bricks, \$2.75; \$6.50 per 25 bricks; 50 bricks, \$12.50.

LAMBERT'S PURE CULTURE SPAWN

1 brick, 30c.; \$1.25 for 5 bricks; 10 bricks, \$2.30; \$5.60 per 25 bricks; 50 bricks, \$10.50.

ASPARAGUS ROOTS (Ready in October)

The handling of this crop is carefully described in our leaflet on Asparagus Culture, which is mailed free or included with orders, if asked for. The two-year-old roots usually produce two years after planting, the three-year-old may be cut, lightly one year after planting.

	2 Year Old Plants			3 Year Old Plants		
	100	500	1000	100	500	1000
Giant Argenteuil. Violet and white	\$1.25	\$5.50	\$10.00	\$1.75	\$8.00	\$15.00
Barr's Mammoth. Dark green	1.25	5.50	10.00	1.75	8.00	15.00
Conover's Colossal. Light green	1.25	5.50	10.00	1.75	8.00	15.00
Palmetto or Eclipse. Light green	1.25	5.50	10.00	1.75	8.00	15.00

LAVENDER (Hardy)

Used for its flowers, which when dried are strewn among clothing to keep away moths. Pot-grown plants. 20c. each; per doz., \$2.00; \$12.00 per 100.

MINT (Hardy)

This is used for making mint sauce and juleps, also in many other ways. The plants are hardy and when once established remain for years. Pot-grown plants. Spearmint. 15c. each; per doz., \$1.50; \$8.00 per 100. Peppermint. 15c. each; per doz., \$1.50; \$8.00 per 100.

RHUBARB ROOTS (Ready in October)

Victoria Large Clumps. 15c. each; \$1.25 per doz.; per 100, \$7.00. Parcel Post Weight, per root, 1 lb.
Victoria Extra Large Clumps for Forcing. 25c. each (not mailable); \$2.50 per doz.; 25 for \$4.25; \$15.00 per 100.

ROSEMARY (Hardy)

This makes an attractive border plant, also used extensively for various medicinal purposes. Pot-grown plants. 20c. each; doz., \$2.00; \$12.00 per 100.

SAGE (Hardy)

Holt's Mammoth. Large leaved variety, used in gravies, stews and also for medicinal purposes. Pot-grown plants. 15c. each; per doz., \$1.50; \$8.00 per 100.

WINTER SAVORY (Hardy)

A popular herb, used in flavoring, etc. Pot-grown plants. 25c. each; doz., \$2.50; \$17.50 per 100.

TANSY (Hardy)

For medicinal purposes this herb is of great value. 15c. each; doz., \$1.50; \$8.00 per 100.

TARRAGON (Hardy)

These are hardy if given plenty of protection in winter. Do not plant them in an exposed place. Extra large pot-grown plants. 25c. each; per doz., \$2.50; \$17.50 per 100.

THYME (Hardy)

English Broad Leaved. This is almost an indispensable herb; once planted it remains permanent for years. Pot-grown plants, 15c. each; doz., \$1.50; \$8.00 per 100.

TESTIMONIAL ON MICHELL'S SEEDS

I want to tell you that I have the best garden in this whole district, all owing to Michell's Seeds. They have not only been true to name absolutely, but far more vigorous and productive than the seeds from other places

MRS. ALLEN POTTS,
Gordonville, Va.

PRICES SUBJECT TO MARKET CHANGES



Crimson Clover

Alfalfa (see page 36). CLOVERS

Alsike or Swedish Clover (*Trifolium Hybridum*). One of the best for mixing with timothy; it is perfectly hardy in every climate or soil condition and seldom has to be reseeded. Under ordinary conditions it grows from 1 to 2 feet high. Sown early in the spring or late summer and early autumn. It is as nutritious as red clover and is rapidly coming to the front as a valuable farm crop. The flower resembles the white clover, except that the head is larger and has a red tinge on the edge. Sow 10 to 15 lbs. per acre alone or 8 lbs. per acre with timothy. Price on application.

Bokhara or Giant Sweet Clover (*Melilotus Alba*. Syn *M. Leucantha*). Used either as a feed crop or as a fertilizer to plow under. Grows from 4 to 6 feet high. It will thrive on almost any kind of soil. If you have thin, rocky, hard or sour soil, which you wish to enrich, this is just the crop for you to grow. It will make two hay crops the first year, and the fodder is considered the best for cows, cattle and hogs. We handle only the true, white-flowered variety. Sow 15 lbs. per acre in early spring alone, or 10 lbs. per acre with other crops. Price on application.

Crimson Clover (*Trifolium Incarnatum*). Delaware Grown Seed. This is used principally for soiling or green manuring, for which purposes it is highly valuable. If desired for feed, cut it just before it flowers. When desired for green manure, it should be allowed to mature; its height is from 1 to 2 feet. Sow any time from April to October, the earlier the better, 20 lbs. to the acre. If sown in early spring, it can be plowed down the first year, although no other crop can be raised on the field that season. Fall or late summer seeding makes it possible to use the field the following season. Flowers crimson. Price on application.

Mammoth Red Clover (*Trifolium Pratense Perenne*). Sometimes called Sapling or Pea Vine Clover and English Cow Grass. This differs from the "Medium," being of a ranker growth and yielding more fodder per acre. It ripens somewhat later and is more hardy, lasting several seasons longer than the medium red clover. It also does well on poorer soils. The seed cannot be distinguished from the former. Our supply, however, is strictly reliable. Sow in early spring or in July and August, using 20 lbs. per acre alone or with other crops 10 lbs. per acre; flowers pink. It can be harvested several times in a season. Price on application.

Red Clover, Medium (*Trifolium Pratense*). More widely known and used than any other, used principally for hay purposes. Height from 18 inches to 2½ feet. Sow early in the spring or in late summer—July and August; if alone, 20 lbs. per acre; if with other crops, 10 lbs. per acre. It is not hardy for a period of years, being usually resown every third season. Flowers pink. Price on application.

CLOVERS (Continued)

White Dutch or Lawn Clover (*Trifolium Repens*). This is valuable for pasturage; it succeeds where other clovers and grasses fail, and it seldom dies out. It can be sown at all seasons, although early spring is best; flowers greenish white. Sow 10 to 12 lbs. per acre if alone or 5 lbs. if sown on old turf or with other crops. ¼ lb., 20c.; 65c. lb.; 5 lbs., \$3.15; \$6.25 for 10 lbs.; \$60.00 per 100 lbs.

VIRGINIA GRAY WINTER OATS

Grown principally in the South, where they are hardy. They can be sown further North in the spring and produce good crops. 15c. qt. Larger quantity, price on application.

DWARF ESSEX RAPE

For pasturing sheep and hogs. Sow 6 lbs. per acre broadcast. Price on application.

WINTER RYE

Penna. Large White. Sow 1 to 1½ bushels per acre during fall. An excellent green food in spring, and may be used for turning under or harvesting. Price on application.

Rosen. A new strain, very long, stiff straw, large yielder. Stock limited. Qt., 25c.; \$1.50 per peck; bushel, \$5.00.

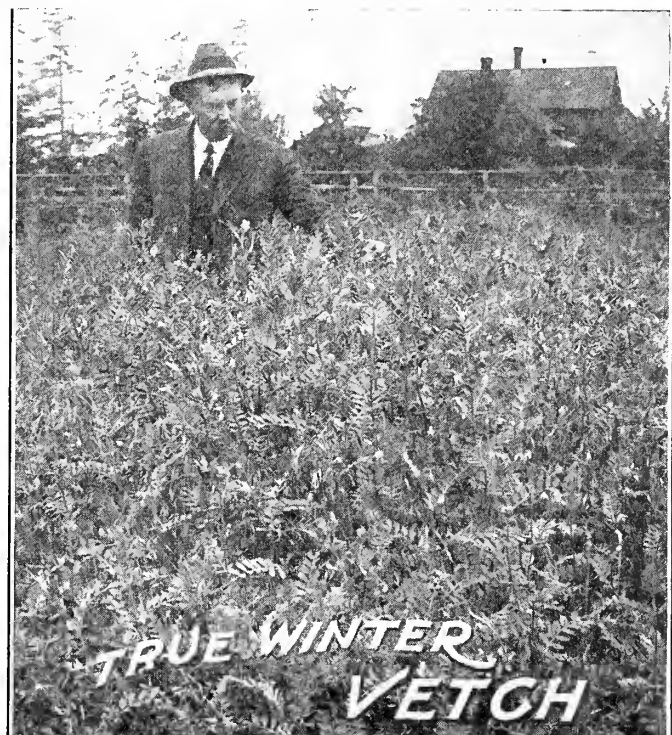
RECLEANED TIMOTHY

Our stock is of very best quality; for sowing among wheat as a second-year hay crop or for sowing alone for a first-year hay crop this is extensively used. Sow ½ bu. per acre alone or 6 to 8 qts. with wheat. Write for price.

WINTER VETCH (*Vicia Villosa*)

True Sand or Hairy Vetch

Our stock of this is the true type, which will absolutely live throughout the winter. There is also an English strain on the market which is not hardy in the Northern sections of the United States, and buyers should beware when buying that they procure the right article, which is a small round black seed. It is far superior to Crimson Clover, as it never winter-kills. Sow from August 1st to October 1st, but the earlier the better, broadcast, 1 bushel per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed in as green manure, or when in flower, cut for hay. All stock relish it keenly. Price on application.





Silver Sheaf Longberry
Red Wheat

Four-Rowed Fultz



CHOICE SEED WHEAT

FOUR-ROWED FULTZ (Beardless)

Four-rowed Fultz has a tendency to produce spikelets composed of four grains of wheat arranged in a row close together. Although the heads are only of medium length, in most cases they contain more wheat than heads of other varieties that are much longer.

Four rowed Fultz is extremely early. The berry is of medium size, hard, red in color. Chaff is white. Straw is of medium length, strong and stiff.

On average and rich soils, Four-rowed Fultz will give straw of great length, will stool out wonderfully, making a thick growth.

Four-rowed Fultz has numerous records of yield of 40 bushels per acre on average land. On select land as much as 50 bushels per acre has been harvested. Sow $1\frac{1}{2}$ to 2 bushels per acre.

"FULTZO-MEDITERRANEAN" (Beardless)

This is a cross of the "Fultz" and the old "Mediterranean" Wheats. The berry is short, plump and red. Chaff white and smooth. The heads are of medium length, very compact, well filled and inclined to widen at the top. For earliness or stiffness of straw it cannot be excelled. It stools well and $1\frac{1}{4}$ to $1\frac{1}{2}$ bushels per acre is sufficient to sow. It frequently produces over 40 bushels per acre.

LANCASTER FULCASTER (Bearded)

A reselection from the old "Fulcaster" and one of the purest wheats now offered.

There are few other varieties that will do quite as well on soils of average quality. Farmers who are not able to raise even fair crops on rather thin soils should sow "Lancaster-Fulcaster." Even under adverse conditions this variety will produce a satisfactory crop of straw and a surprising crop of grain. The grain is of finest quality, a genuine long berry, dark red and hard. The chaff is white and the straw is long and stiff.

Lancaster-Fulcaster will carry through extreme winters and withstands attacks of insect pests and disease better than any other variety. Sow $1\frac{1}{2}$ to 2 bushels per acre.

LEAP'S PROLIFIC (Beardless)

A most prolific variety indeed, and may be relied upon to give big crops. It stools out strongly and roots deeply. The grain is large, dark red and of the best milling qualities. The heads are large, the chaff is beautiful white and is without beards. "Leap's Prolific" is one of the earliest to ripen and we recommend it as an all around good variety. Sow $1\frac{1}{2}$ bushels per acre.

"MIRACLE" (Bearded)

This valuable Wheat was introduced by us in the vicinity of Philadelphia in 1911. It produces a magnificent, heavy growth of straw, which is very stiff and erect. The head is bearded and contains well-shaped wheat berries of a semi-hard red nature of excellent milling qualities. It is a tremendous stooler, one grain producing as many as 25 stalks with often 45 grains to the head or stalk. It is readily seen that this wheat should produce on average conditions an enormous crop, its usual rating being anywhere from 40 to 50 bushels per acre under average conditions. The introducer impressed upon us very forcibly not to recommend the sowing of more than one-half bushel per acre, as if seeded heavier it is liable to choke itself, on account of its free stooling habit. It is early to mature and produces straw often 5 feet high.

SILVER SHEAF LONGBERRY RED (Bearded)

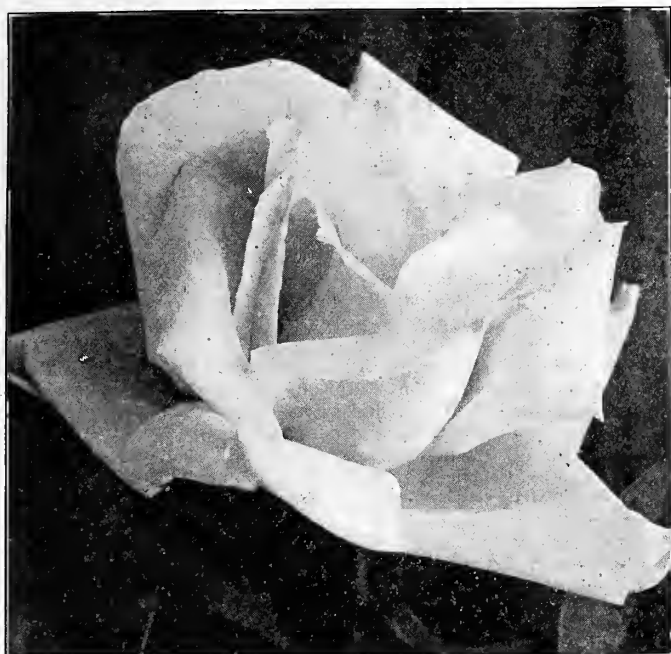
It bears the longest heads of any wheat we know of and thrives under the roughest treatment. It may be sown very late in the fall under the most adverse conditions with every confidence of profitable crops to follow.

Our grower says that everything about Silver Sheaf Longberry Red is long. Long in the berry, long in the straw, very long bearded heads and long in the yield. The grain is hard and dark red, while the chaff is white. The straw is long and stiff. $1\frac{1}{4}$ to $1\frac{1}{2}$ bushels per acre is all you need to sow.

Prices of Seed Wheat fluctuate constantly and will be quoted on application.

In ordering Farm Seeds, always allow 75c. for each 2 bushel bag. These are returnable.

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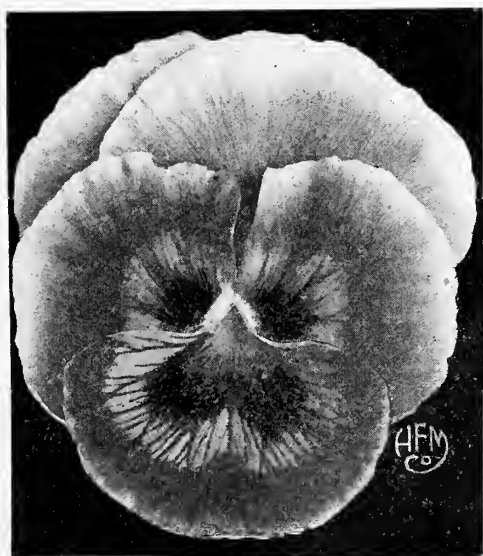
Hybrid Tea Rose

FORCING HYDRANGEAS

As there will be a marked shortage of Spireas, Lilies and similar stock for Easter flowering, Hydrangeas suggest themselves as the best substitute. Our stock is grown in pots, well established, and comprises the best sorts.

- | | |
|---|--|
| Avalanche. White. | Liberte. Fringed, white shaded light rose. |
| Beaute Vendomoise. White, tinted pink. | Louis Mouilliere. Fringed, deep rose pink. |
| Botaniste Peltreau. Pink. | Magenta. Clear rose. |
| Bouquet Rose. Pink. | Mme. A. Rosenkraenzer. Mauve. |
| Eclaireur. Carmine rose. | Mme. E. Mouilliere. White. |
| Genl de Vibraye. Bright rose. | Mme. Foucard. Ruby rose. |
| Harmonie. Fringed, white, tinted rose. | Mme. Nicolas Lambert. Pale rose. |
| Joconde. Pure white, very large. | Mme. Rene Jacquet. Flesh pink. |
| La France. Pure white, rosy eye. | Radiant. Pink. |
| Lakme. Cream white, shaded pink. | Souv. Mad. Chautard. Pink. |
| La Lorraine. Pale rose pink. | |
| La Perle. White, large fringed flowers. | |

Any of the above varieties, selected plants, 4-in. pots, each, 50c.; \$4.00 doz.; 6-in. pots, each, 75c.; \$7.50 doz.



Type of Michell's Giant Exhibition Pansy, 2-3 Size
(See seedlings offered above)

ROSES (2-Year-Old Pot-Grown)

We have carried over from our spring stock a splendid lot of plants. Owing to the war we did not receive our full complement, so that it leaves our stocks very much broken. There is a large assortment, but not many of any one variety, so for that reason we will offer them to color only Red, Pink, White and Yellow. Please specify the name of variety desired and we will supply, if possible; otherwise the nearest thereto unless you advise us to the contrary.

	Each	Doz.	100
Hybrid Tea Varieties	\$0.75	\$7.50	\$60.00
Climbing Varieties .....	.60	6.00	45.00
Hybrid Perpetual Varieties .....	.60	6.00	45.00

SEEDLINGS

Many gardeners prefer to purchase their supply of these instead of growing them and for these we have produced a fine lot of the following, which will be ready about Sept. 15th:

Pansy Seedlings. Michell's Giant Exhib. Strain.
Bellis. Monstrosa. Giant English Daisy, in pink and white, each separate.

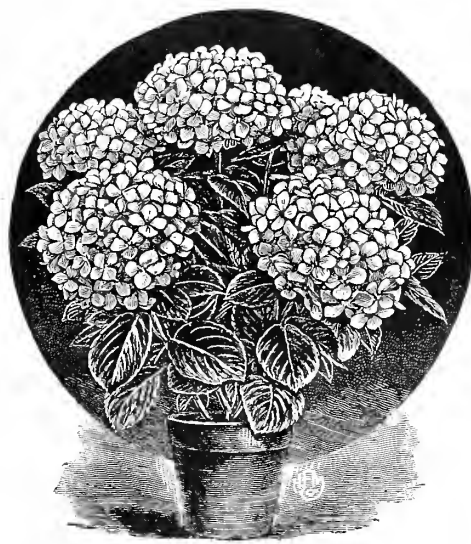
Myosotis (Forget-me-not). Alpestris Victoria.

Any of the above can be supplied in not less than 100 of a kind. \$1.50 per 100; per 1000, \$10.00.

Cape May, N. J.

Enclosed find my check to pay bill, and send me 12 more Pink Killarney Roses. The dozen already received from you were very fine, so I want more.

J. CLARENCE GALLAHER.



Hydrangea Radiant

HYDRANGEA OTAKSA

The old-fashioned pink variety for forcing and outdoor planting.

	Each	Doz.
4-in. pots	\$0.40	\$4.00
6-in. pots .....	.75	6.50
8-in. pots	1.00	
10-in. tubs	2.00	
12-in. tubs	3.50	

CARNATIONS (Field-Grown)

We've a splendid lot of thrifty plants ready for planting in bunches or potting. Leading varieties in Pink, deep and light Red, Crimson, White and Variegated. If possible select the color, leaving the variety to us.

Each, 30c.; \$2.50 per doz.; per 100, \$15.00.

VIOLET PLANTS

These extra-fine plants will flower freely under glass in winter or in cold-frames and outdoors in the early spring.

Lady Hume Campbell. Double, light blue. (Pot-grown.)

Luxonne. Large single blue.

Princess of Wales. Single blue.

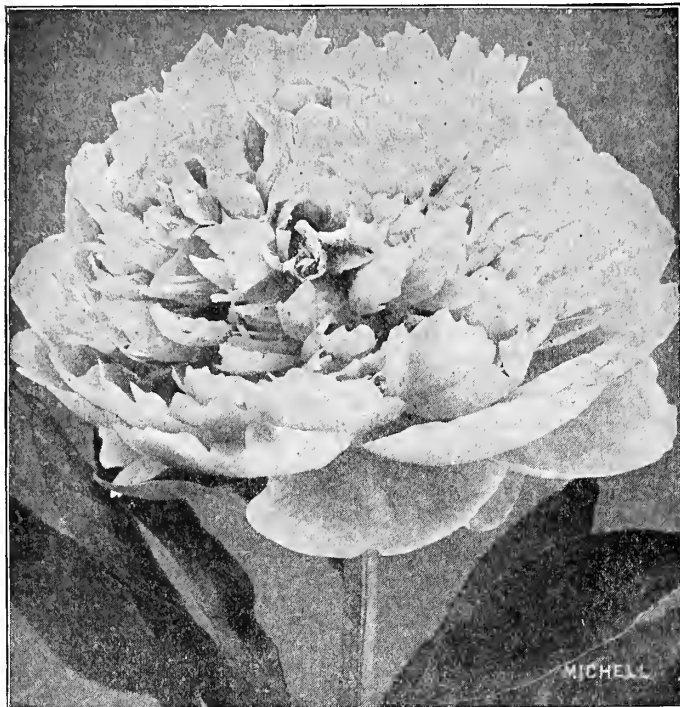
Prices for any of the above extra large plants, 25c. each (by mail, 30c.); \$2.25 per doz.; per 100, \$15.00.

Our Violets are extra large field-grown clumps and are worth many times more than small plants at low prices.

All prices subject to change.

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MICHELL'S GORGEOUS DOUBLE PAEONIES (ROOTS)



Paeony Candidissima

No disease or insect ever troubles this plant. They delight in a sunny location in deep rich soil. After planting take care to see they are watered regularly until you feel they are established. In planting always take care to see that the crown or top of root is not more than 1 to 2 inches below the surface when covered. The roots are perfectly hardy and once planted remain for years, increasing in size. Roots can be delivered beginning in April or in the autumn beginning in September.

	Each	Dozen
Agnes Mary Kelway. White tinted rose, cream centre; a very striking flower. Early.....	\$0.25	\$2.50
Alba Plena. A giant flower of the purest white; very double. Of superb fragrance. Mid-season.	.25	2.50
Anemoneflora Rubra. Anemone form, having a broad collar; a beautiful dark crimson. Mid-season .....	.25	2.50
Beaute Francaise. Lilac-rose, with a cream white collar; very fragrant. Mid-season.....	.35	3.50
Berlioz. Perfect form. Large magenta rose color; silver tipped. Late .....	.35	3.50
Boule de neige. Very double, pure white; foliage is rich, deep green .....	.50	5.00
Candidissima. Creamy white, with a clear, sulphur yellow centre. Early .....	.30	3.00
Carnea Elegans. Of a clear flesh color, glossy reflex. A free bloomer. Mid-season.....	.35	3.50
Charlemagne. Excellent variety. Lilac, white, with a light pink centre. Fragrant. Late.....	.30	3.00
Clarisse. Beautiful rose pink, with silvery pink centre; fine form and habit. Mid-season.....	.25	2.50
Couronne d'Or. Snowy white, with yellow reflex and deep pink edges on a few petals. Late....	.50	5.00
Delachi. Large flowers of a deep purple color, free bloomer. Late .....	.30	3.00
Delicatissima. Pale lilac rose, free habit; fragrant, Mid-season .....	.30	3.00
Duc de Cazes. Bright pink, silvery reflex. Early.	.25	2.50
Duc de Wellington. Large, sulphur-white flower of great fragrance and with long stems. Late...	.35	3.50
Duchesse de Nemours. Pure white, with a sulphur-white centre; very early and extra fine. Early .....	.25	2.50

	Each	Dozen
Dr. Bretonneau. Lilac rose with cream white centre, flecked crimson. Mid-season.....	\$0.30	\$3.00
Edulis Superba. Beautiful shaped flower of a bright mauve pink color, with narrow edges of lilac. One of the best early sorts.....	.30	3.00
Eugenie Verdier. Giant globe-shaped flower of a soft pink color. Mid-season .....	.50	5.00
Faust. Delicate flesh pink, with salmon centre. Mid-season .....	.25	2.50
Felix Crousse. Large bright red flowers on long stems. Mid-season .....	.50	5.00
Festiva. Large, full type, creamy white with crimson spots. Late bloomer .....	.50	5.00
Festiva Maxima. Beautifully shaped flower, 7 to 8 inches in diameter. Pure white, splashed red. Late .....	.40	4.00
General MacMahon. Large anemone-shaped flower of a deep violet color. Mid-season.....	.50	5.00
Grandiflora Rosea. Full globe-shaped flower, light solferino red petals, salmon centre. Mid-season	.25	2.50
Lady Bramwell. Delicate silvery pink. Mid-season	.25	2.50
La Perle. Very large; globular; deep lilac white, blush centre prominently flecked carmine; fragrant .....	.50	5.00
La Rosiere. Imbricated petals of yellowish white with straw yellow centre. Mid-season.....	.35	3.50
L'Eclatante. Large globular flower of brilliant red color; very good variety. Mid-season.....	.25	2.50
L'Indispensable. Perfect shaped flower of a delicate creamy color, shaded pink. Mid-season..	.50	5.00
Louis Van Houtte. A rich shade of crimson maroon, an exceptionally fine large flower. Late.	.25	2.50
Marie Lemoine. Delicate white rose, with a creamy centre .....	.50	5.00
Mme. Calot. Pale hydrangea pink, centre shaded darker; collar tinted silver; free bloomer....	.50	5.00
Mme. Leonie Calot. Delicate rosy white, centre petals slightly tipped carmine. Mid-season..	.50	5.00
Mons. Chas. Leveque. Rosy white, tipped carmine	.30	3.00
Mons. Krelage. Grand flowers of a dark pink color. Large and compact. Late.....	.50	5.00
Officialis Alba. Double white. Very early.	\$0.30	\$3.00
Officialis Rosea. Double pink. Very early	.30	3.00
Officialis Rubra. Double red. Very early	.30	3.00
Queen Victoria. Pure white; cream centre. Mid-season	\$0.25	\$2.50
Victor Hugo. One of the very best of red paeonies	.50	5.00
Zoe Calot. Pure white; suffused rose. Mid-season	.25	2.50

DOUBLE TREE PAEONIES

These very beautiful and free-flowering paeonies deserve to be included in every collection. They are from 2 to 3 weeks earlier than any other variety.

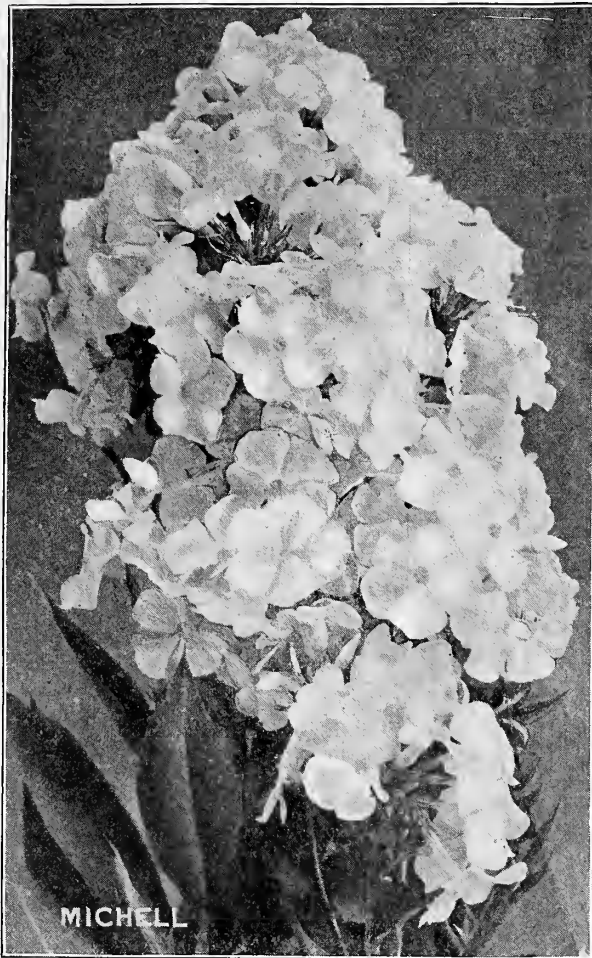
Abraham Lincoln. Deep velvety amaranth; very double.
 Beauty de Cologne. Salmon rose, suffused flesh colored.
 Bijou de Chusan. Pure white, yellow centre, semi-double.
 Confucius. A beautiful shade of purplish scarlet, single.
 Etna. Brilliant fiery red.
 Jeanne d'Arc. Salmon rose with dark centre, single.
 Lambertiana. Pure white, suffused with delicate rose.
 Louise Mouchelet. Beautiful silvery rose; extra large flower.
 Queen of Belgians. Blush shaded salmon rose. Splendid sort.
 Rosea Superba. Salmon rose; semi-double. Beautiful.
 Any of the above varieties, extra strong plants, \$1.25 each; per dozen, \$12.00 (or 1 each of the above 10 varieties for \$10.00).

PAEONIA TENUIFOLIA Flore Plena

An early flowering species with fern-like foliage and double deep crimson flowers, a shade like the Jack Rose. Each, 30c.; per dozen, \$3.00; \$20.00 per 100.

PAEONIAS TO COLOR

	Each	Dozen	100
Double Red. Large roots.....	\$0.25	\$2.50	\$15.00
Double Pink. Large roots.....	.25	2.50	15.00
Double White. Large roots.....	.25	2.50	15.00



Hardy Phlox Mrs. Jenkins.

The most effective border plants during August and September. They succeed in almost any soil enriched with manure. In partial shade the flowers last much longer than when grown in the full sun. If the first spikes of bloom are removed as soon as over, and the plants given a good soaking of water, they will produce a second supply of flowers, thus continuing until late in autumn. The varieties we offer represent the finest of the existing Hardy Phloxes.

Africa. Rich royal purple, suffused crimson. 25c. each; doz., \$2.50; \$17.50 per 100.

America. One of the most free-flowering Pink Phloxes. 25c. each; doz., \$2.50; \$17.50 per 100.

Baron von Dedem. Deep pink, suffused orange.

B. Comte. Brilliant rich purple; a distinct shade; the flower heads are very compact and attractive.

Braga. Rich lilac rose, immense trusses of great beauty. 25c. each; doz., \$2.50; \$17.50 per 100.

Crepuscule (New). Very large flowers, shading from a deep crimson centre, through rose lilac to a white edge; a beautiful blending of colors. 25c. each; doz., \$2.50; 100, \$17.50.

Electra. A brilliant red, with a darker shade; one of the very best. 50c. each; doz., \$5.00.

Elizabeth Campbell. Delicate refreshing pink with a white eye. 20c. each; doz., \$2.00; \$15.00 per 100.

Eugene Danzanvilliers. Delicate lavender; very attractive.

Europa. Blush white, with a large deep pink centre, making it a very showy combination.

Fantasy. (Suffr.) Rosy mauve. 25c. each; doz., \$2.50; \$17.50 per 100.

Frau Anton Buchner. Very large pure white flowers. 25c. each; \$2.50 doz.; \$17.50 per 100.

Frithjof. Light violet, without eye. The trusses are very large. 50c. each; doz., \$5.00.

Goliath. The flower trusses are large and of a bright cerise color with deep eye.

Griseur. Soft rosy mauve, heavily suffused and overlaid with a lovely deep shade of cerise, giving the whole a beautiful mottled appearance. 25c. each; doz., \$2.50; \$17.50 per 100.

Indian Chief. (Suffr.) Dark purple. 25c. each; doz., \$2.50; \$17.50 per 100.

Iris. A deep reddish violet, of compact erect habit with flower trusses that rival any others for size. 25c. each; doz., \$2.50; \$17.50 per 100.

Jules Sandeau. (New.) Dwarf; very large flowering; pure pink; extra fine variety and free bloomer. 50c. each; doz., \$5.00.

Le Mahdi. A royal deep purple.

Madame Paul Dutrie. Delicate soft pink.

Minerva. Lilac rose, marked with white, with a bright carmine eye; showy spikes; very compact. 50c. each; doz., \$5.00.

Miss Lingard. (Suffr.) White, lilac eye. 25c. each; doz., \$2.50; \$17.50 per 100.

Montagnard. Dark purple claret; large spikes and flowers.

Mrs. Greenlees. (Suffr.) White, rosy centre. 25c. each; doz., \$2.50; \$17.50 per 100.

Mrs. Jenkins. Of medium height, with immense clusters of pure white flowers; very effective when planted in masses.

Rheinstrom. A splendid new phlox with gigantic flowers of a bright pink. 25c. each; doz., \$2.50; \$17.50 per 100.

Rosamundi. Immense trusses of a beautiful soft rose color. 25c. each; doz., \$2.50; \$17.50 per 100.

Tapis Blanc. (New.) Undoubtedly the best semi-dwarf pure white. It flowers early and continues until late. 25c. each; doz., \$2.50; \$17.50 per 100.

Von Lassburg. The Queen of all clear white phloxes; trusses and single flowers are immense in size.

W. C. Egan. One of the prettiest in our entire collection, the color being a pale lilac with an intense solferino-red eye. It is of medium height and of branching habit, which means a free bloomer. 20c. each; doz., \$2.00; \$15.00 per 100.

Widar. Light red, somewhat shaded violet. Each flower has a distinct white centre, which tends toward making the flower truss exceptionally showy. A free-flowering, attractive variety, which should be in every collection of Phloxes.

Price of all Phlox (except where noted), 15c. each; doz., \$1.50; \$10.00 per 100.

PHLOX SUFFRUTICOSA

These differ from the others in that the foliage and stem are deep green and glossy, and they begin to blossom in June and remain in bloom until October. These are listed in regular alphabetical order above, marked thus (Suffr.) after the name. Price of these varieties is 25c. each; doz., \$2.50; \$17.50 per 100.

MISCELLANEOUS PHLOXES

Amoena. A beautiful plant, with soft rose-colored flowers; one of the best for rockery or borders; 4 inches high; April-May.

Divaricata Canadensis. A patch of these makes a spring show hard to describe. The large heads of fragrant lavender flowers appear the latter part of April and in May.

Divaricata Alba Grandiflora. A white-flowered form of the above.

Ovata Carolina (Mountain Phlox). A handsome evergreen species of dwarf habit, with masses of rosy pink flowers; 10-12 inches; May and June.

Subulata Rosea (Moss Pink). Moss evergreen-like foliage, tucking close to the ground and covered completely with pink star-like flowers in May. 15c. each; doz., \$1.50; \$10.00 per 100.

Subulata Alba. The same as Rosea, with pure white flowers. 15c. each; doz., \$1.50; \$10.00 per 100.

Price of any of the above Miscellaneous Phlox (except as noted), 20c. each; doz., \$2.00; \$12.00 per 100.

Fall is one of the best times for setting out perennial plants; they invariably establish themselves quickly and more permanently than when put out in the spring, at which time the season is shorter, a greater rush exists, and the weather frequently gets hot before they have made any growth in their new environment. Autumn planting frequently means a year's difference in results obtained the following spring, and they are usually more gratifying than from spring-set plants.

SHIPPING SEASON RANGES FROM SEPTEMBER TO NOVEMBER 15

ACANTHUS (Bear's Breech)

Mollis Latifolius. Highly decorative. Rose colored, large heart-shaped leaves. 3 ft. September. 25c. each; doz., \$2.50; \$17.50 per 100.

ACHILLEA (Sneezewort)

A graceful plant with finely cut foliage. Flowers the entire summer.

Boule de Neige (Ball of Snow). An improvement on *The Pearl*; flower pure white; 2½ feet high.

Eupatorium. Brilliant yellow; 4 to 5 ft. *Millefolium Cerise Queen*. Rich amaranth; 18 inches high; red.

Ptarmica Grandiflora, Fl. Pl. An improvement of the *Ptarmica Plena*; flowers much larger. 25c. each; doz., \$2.50. Price of any of the above (except where noted), 20c. each; doz., \$2.00; \$15.00 per 100.

ACONITUM

(Monk's Hood or Helmet Flower)

Bushy plants, blooming in clusters of beautiful helmet-shaped flowers from late summer till frost. Well adapted for shade.

Fischeri. Grows 18 inches high, yielding pale blue flowers.

Lycotomum. A free-flowering pale yellow variety; June and July.

Napellus. Dark blue; August and September. 3 to 4 feet.

Napellus Bicolor. Dark blue and white; 3 to 4 feet.

Spark's Variety. The darkest blue of all; 5 to 6 feet.

Stroekianum. July and August. Rich blue; magnificent flower spikes; 4 feet.

Wilsoni. A variety from Northern China, growing 6 feet high; pale violet blue; flowers in September.

Price of *Aconitums*, 30c. each; doz., \$3.00; \$18.00 per 100.

ADONIS (Bird's Eye)

These harbingers of spring, with their finely cut ornamental foliage, are of Japanese origin.

Amurensis. Large single yellow flowers; 12 inches high. 50c. each; doz., \$5.00.

Amurensis Fl. Pl. Double yellow flowers; 12 inches high. 50c. each; doz., \$5.00.

AEGOPODIUM (Bishop's Weed)

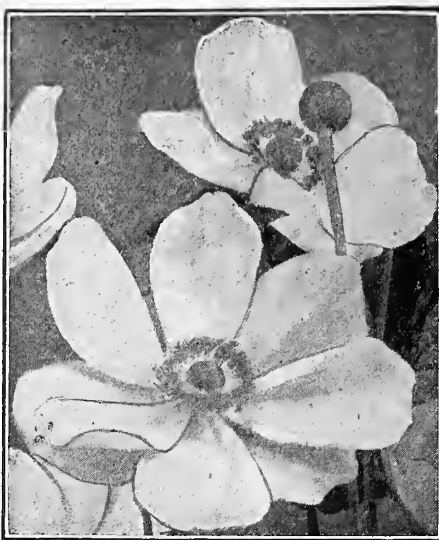
Podagraria Variegata. Green and yellow variegated foliage; 1 foot high. 20c. each; doz., \$2.00; \$12.00 per 100.

AETHEOPAPPUS (New)

Pulcherrimus. The pink flowers resemble Giant Cornflowers. Splendid for cutting; July; 2½ feet high. 30c. each; doz., \$3.00.

AGROSTEMMA (Rose Campion)

Coronaria (Mullein Pink). Tufts of silvery foliage throwing up many silver-lined stems 2 feet high, with bright single crimson flowers during June. 20c. each; doz., \$2.00; \$12.00 per 100.



Anemone Japonica

ALYSSUM

(Gold Dust or Basket of Gold)

Splendid edging plants. 1 foot high. *Saxatile Compactum*. Deep yellow. 20c. each; doz., \$2.00; \$12.00 per 100.

ANEMONE JAPONICA

(Windflower)

As a last greeting of autumn these gay flowers appear in wondrous brilliancy and produce a wealth of bloom just before nature clothes the earth with a mantle of frost.

Alba. Large, pure white; 3 to 4 feet.

Alice. While we have some good sorts in white and lavender pink, there never has been a real pink until this variety was placed on the market. Height, 15 inches. 30c. each; doz., \$3.00.

Coupe d'Argent. An erect-growing, free-flowering variety with large double white flowers. 3 ft. 30c. each; doz., \$3.00.

Hupehensis (New). A new introduction from China. They grow about 12 inches high and are covered from August until frost with masses of pale mauve pink flowers. 25c. each; doz., \$2.50.

Lady Ardilaun. Produces an abundance of pure white, semi-double flowers, excellent for cutting; a strong grower. 4 feet. 25c. each; doz., \$2.50.

Loreley. Semi-double mauve pink flowers, usually 2½ to 3 inches in diameter; one of the finest of recent introductions. 30c. each; doz., \$3.00.

Pennsylvanica. Our native Windflower. White flowers with a tinge of red on the under side. 18 inches high.

Rubra. Rich rosy red. 3 to 4 feet. *Whirlwind*. Large semi-double, pure white.

Price of *Anemones*, except where noted, 20c. each; doz., \$2.00; \$12.00 per 100.

ANCHUSA ITALICA

(Sea Bugloss)

Dropmore Variety. Plants grow 4 feet high in pyramidal shape; bright blue forget-me-not-like flowers; all summer.

Opal. Similar to the above variety, with large pale blue flowers; from May to July. Any of the above *Anchusas*, 25c. each; doz., \$2.50; \$17.50 per 100.

ANTHEMIS (Marguerite)

Tinctoria. Large daisy-like golden flowers. 20c. each; doz., \$2.00; \$12.00 per 100.

ARMERIA (Sea Pink or Thrift)

Maritima Splendens. Bright rosy pink; 12 inches. 20c. each; doz., \$2.00; \$12.00 per 100.

Maritima Alba. Forms neat tufts studded with white flowers. 20c. each; doz., \$2.00; \$12.00 per 100.

ARABIS (Rock Cress)

Dwarf bushy plants, six inches high; ideal for rockeries and borders.

Alpina. Single snowy-white flowers. 20c. each; doz., \$2.00; \$12.00 per 100.

Alpina Fl. Pl. Double white, very showy. 25c. each; doz., \$2.50; \$17.50 per 100.

Alpina Rosea (New). A distinct novelty. The plants are literally covered with rose-pink flowers in April and May. 35c. each; doz., \$3.50.

AQUILEGIA (Columbine)

For spring flowers these are invaluable, producing their graceful spurred flowers on stems rising 2 feet over their elegant foliage, during May and June.

Canadensis. Bright red and yellow.

Chrysantha. Bright yellow, long flowers.

Chrysantha Alba. Pure white, long spurred.

Coerulea. Blue and white, long spurred. *Flabellata Nana Alba*. Dwarf; pure white.

Helenae. A large blue flowering sort with pure white spurs.

Rose Queen. A newer variety of a pleasing shade of delicate pink, long spurred flowers.

Mitchell's Hybrids. A grand mixture of long spurred varieties covering all shades and colors in this class.

Price of *Aquilegias*, 20c. each; doz., \$2.00; 100, \$12.00.

ARTEMISIA

Abrotanum (Old Man). Dark green foliage, with a pleasant aromatic odor.

Lactiflora. An excellent perennial with flower stems 3 to 4 feet long, covered with creamy white flowers. August until late September. 25c. each; doz., \$2.50; per 100, \$17.50.

Stellariana (Old Woman). Silvery foliage; extensively used for carpet bedding; 18 inches.

Price of *Artemisias*, except where noted, 25c. each; doz., \$2.00; \$12.00 per 100.



Hardy Asters

HARDY ASTERS

(Michaelmas Daisy)

Tall-flowering, stately plants, which may be used with splendid effect in borders and as specimens in lawns, in large groups or beds. They thrive equally well in sun or partial shade. For cutting they are invaluable.

Abendrote (Evening Glow). 2½ feet high, with rosy red flowers. 25c. each; doz., \$2.50; \$17.50 per 100.

Advance (New). Clear Cambridge blue, bright yellow disc; 5 feet; Sept.-Oct. 25c. each; doz., \$2.50; \$17.50 per 100.

Beauty of Colwall. A grand double-flowering type of a beautiful lavender shade; height, about 4 feet; Sept. 25c. each; doz., \$2.00; \$15.00 per 100.

Beauty of Ronsdorf. Of a branching habit, covered with large delicate lilac rose flowers from August to October. 25c. each; doz., \$2.50; \$17.50 per 100.

Feltham Blue. One of the most decorative blue varieties; 2½ feet.

Grandiflorus. The flowers are of a beautiful dark violet, often measuring 2 inches in diameter; October-November; 2½ feet. 25c. each; doz., \$2.50; \$17.50 per 100.

Marjorie Hickman (New). Silvery mauve flowers of fine form; good for cutting; 4 to 5 feet; September. 25c. each; doz., \$2.50; \$17.50 per 100.

Nancy Ballard (New). Rosy lilac of erect habit, producing its flowers in great profusion; 4 feet; August. 50c. each; doz., \$5.00.

Queen (New). Best described as a white Climax; with only a faint tinge of blush. 4 to 5 feet; September. 50c. each; doz., \$5.00.

Roseus Superbus. Of sturdy, branching habit, and forms a round flower head; about 2 feet high, with exquisite rose-colored blooms.

Price of the Asters (except where noted), 20c. each; doz., \$2.00; \$12.00 per 100.

ALPINE ASTERS

Flowering in June and July. For rockwork they are almost indispensable. **Alpinus** (Blue Mountain Daisy). Flowers bright purple; 6 inches high.

Alpinus Albus. White flowers, 6 inches. **Amellus Preciosa**. Deep dark violet.

Price of Alpine Asters, 25c. each; doz., \$2.00; \$15.00 per 100.

ASTILBE

They like a half shaded location, and plenty of moisture.

Davidii. The stems, which are 5 to 6 feet high, are crowned with feathery plumes of deep rose violet flowers; June-July. 25c. each; doz., \$2.50; \$17.50 per 100.

Grandis. The panicles of white flowers are frequently 2½ feet long; very attractive; fine foliage; blooms July-August. 25c. each; doz., \$2.50; \$17.50 per 100.

ASTILBE ARENDSI

The plants of this Spiraea type are of vigorous growth; 2½ to 3 feet high, producing branched feathered heads of flowers in June and July.

Ceres. Brilliant lilac rose.

Juno. Vigorous grower, with plumes of a deep violet color.

Venus. Plumes are of a brilliant purplish pink color.

Vesta. Light lilac rose plumes.

Prices of the above Astilbes 40c. each; doz., \$3.50; per 100, \$25.00.

AUBRIETIA (Wall Cross)

A suitable plant for rock gardens; the broad mass of light green foliage is covered with a sheen of flowers in spring and summer; 6 inches high.

Bougainvillei. Very showy, purple flowers.

Graeca. Deep purple.

Leichtlini. Bright reddish crimson.

Price of the above, 25c. each; doz., \$2.00; \$12.00 per 100.

BAPTISIA (False Indigo)

Australis. Foliage is dark green, deeply cut; the flowers are dark blue, borne on spikes, in June and July; 2 ft. high.

Tinctoria. Spikes of bright yellow blossoms, 2-3 feet.

Price of Baptisias, 25c. each; doz., \$2.00; \$12.00 per 100.

BOCCONIA (Plume Poppy)

Cordata. A splendid plant, growing sometimes 6 feet high, bearing panicles of creamy-white flowers in July and August; makes a grand effect as a centre in a hardy bed or a border background. 20c. each; doz., \$2.00; \$12.00 per 100.

BOLTONIA (False Chamomile)

Tall-growing, showy plants, with hardy aster-like flowers, appearing in September; 5 to 7 feet.

Asteroides. Pure white; 5 to 6 feet.

Latisquama. Pink, tinted lavender; 6 ft.

The above, 20c. each; doz., \$2.00; \$12.00 per 100.

CALIMERIS (Starwort)

Incisa. Attractive border plant, growing from 1 to 1½ feet high. The daisy-like flowers are of a delicate lavender shade, with a yellow centre; July to September. 25c. each; doz., \$2.50; \$17.50 per 100.

CALLIRHOE (Poppy Mallow)

Involucrata. Large crimson flowers, with white centre; much resembling a giant mallow or Hibiscus; blooms all summer. 20c. each; doz., \$2.00; \$12.00 per 100.

Lineariloba. Large Poppy-like flowers, crimson and white; 9 inches; June-September. 20c. each; doz., \$2.00; \$12.00 per 100.

CAMPANULA (Bell Flower)

Showy perennial plants of special merit.

Calycanthemum (Cup and Saucer). These are biennials, and last only one season, when planted in the autumn: Pink, White and Blue, each color separate; height, 18 inches; June-July.

Carpatica (Carpathian Hare Bell). Very dwarf and shrubby; ideal for border or rockery planting, being about 8 inches high; flowers from June till frost. Blue and White, each separate.

Media (Old-fashioned Canterbury Bells). This is a biennial type, and will last only one season, when planted in the autumn. It flowers freely in June, July and August, and grows 3 to 4 feet high. Blue, Pink and White, in separate colors, also in Mixed colors.

Pyramidalis (Chimney Bell Flower). The tallest of all Bell flowers, growing from 5 to 7 feet in height. Blue and White, each separate. 25c. each; doz., \$2.50; \$17.50 per 100.

Persicifolia (Peach Bell). Extremely hardy, making a splendid show in June and August. The stately spikes are tall, often 3 feet high.

Alba. Pure white.

Coerulea. Light blue.

Price of the Campanulas (except where noted), 20c. each; doz., \$2.00; \$12.00 per 100.

CASSIA (American Senna)

Marilandica. A desirable perennial yielding enormous sprays of oddly formed flowers, bright yellow; 3 to 4 feet; July and August. 20c. each; doz., \$2.00; \$12.00 per 100.

CARYOPTERIS

Mastacanthus (Blue Spirea). The flowers are light blue and are borne in globe-shaped heads; 2 feet high; September-October. 20c. each; doz., \$2.00; \$12.00 per 100.

CENTAUREA

(Perennial Cornflower)

Fine border plants, producing flowers suitable for cutting; 2 feet high; flowering from July to September.

Dealbata. Bright rose; 18 inches high.

Macrocephala. Golden yellow.

Montana. Rich violet blue.

Montana Alba. Pure white.

The above 25c. each; doz., \$2.50; \$15.00 per 100.

MICHELL'S HARDY PERENNIALS

CERASTIUM (Mouse Ear)

Tomentosum. A low, creeping evergreen, with silvery foliage and white flowers. Good for rockeries, much used for covering graves; does well in the sun. 20c. each; doz., \$2.00; \$12.00 per 100.

CHELONE (Shellflower)

Handsome plants, growing 2 feet high, and bearing numerous spikes of large flower heads during summer and autumn.

Lyoni. Lovely soft pink flowers.

Lyoni Speciosa. Dwarf light pink.

Price of Chelones, 25c. each; doz., \$2.50; \$17.50 per 100.

CHRYSANTHEMUM

Arcticum (Arctic Daisy). A native of Alaska. It is very attractive, having pretty dark green foliage, and multitudes of pure white flowers, 2 to 2½ inches across. Sept. to Nov. 25c. each; doz., \$2.00; per 100, \$15.00.

Leucanthemum Alaska (Shasta Daisy). Pure white; yellow, 20c. each; doz., \$1.50; \$10.00 per 100.

CIMICIFUGA (Snake Root)

Dahurica. Bold, erect flower stems, over 4 feet high with a wealth of creamy white flowers in August and September. 25c. each; doz., \$2.50; \$17.50 per 100.

Simplex. The spikes, 2 to 3 feet long, are covered with beautiful white flowers; excellent for cutting. 50c. each; doz., \$5.00.

CLEMATIS (Shrubby)

Davidiana. A beautiful variety, with bell-shaped deep blue fragrant flowers; 3 feet high; August and September. 20c. each; doz., \$2.00; \$12.00 per 100.

Recta. Very effective plant, with large showy clusters of pure white flowers. 25c. each; doz., \$2.50; \$17.50 per 100.

COREOPSIS

Lanceolata Grandiflora. Flowers rich golden yellow of graceful form and fine for cutting. The flowers are produced in thousands on a single plant; June till October; 3 feet. 20c. each; doz., \$2.00; \$12.00 per 100.

Verticillata. Flowers rich golden yellow. 2 feet. 20c. each; doz., \$2.00; \$12.00 per 100.

CORONILLA (Crown Vetch)

Varia. A rampant creeper with handsome globular flower heads of showy bright pink and white sweet pea shaped flowers. 20c. each; doz., \$2.00; \$12.00 per 100.

DIANTHUS (Garden Pinks)

They are brilliantly colored flowers, and have a rich clove scent. They are at their height of bloom in June.

Deltioides (Maiden Pink). A continuous flowering variety with pink flowers. Especially suited for rock work.

Deltioides Alba. A white flowered variety.

Price of Dianthus, 20c. each; doz., \$2.00; \$12.00 per 100.

DELPHINIUMS (Hardy Larkspur)

The hardy larkspur succeeds well under the most trying conditions, flowering continuously from June till frost.

Bella Donna. The most continuous blooming of all; clear turquoise-blue flowers. 25c. each; doz., \$2.50; \$17.50 per 100.

Chinense Azureum. Two feet tall, and branch freely; color, a deep, clear blue. 20c. each; doz., \$2.00; \$12.00 per 100.

Chinense Album. Same as above in white. 20c. each; doz., \$2.00; \$12.00 per 100.

Formosum. Dark blue, white centre, spikes 3 to 4 feet tall, vigorous. 20c. each; doz., \$2.00; \$12.00 per 100.

Mitchell's New Hybrids Mixed. A splendid mixture of newer and larger flowering sorts. 25c. each; doz., \$2.50; \$17.50 per 100.

DICTAMNUS (Gas Plant)

One of the hardiest of all perennials, which often will last for a generation and longer. The foliage is fragrant, while the spikes of rather oddly shaped flowers emit a luminous vapor, which is said to be inflammable. Height about 2 feet, flowering in June and July.

Fraxinella. Pink flowers, dark veins.

Fraxinella Alba. Pure white.

Each of the above, except where noted, 25c. each; doz., \$2.50; \$15.00 per 100.

DIELYTRA (Bleeding Heart)

Formosa. This dwarf-growing species has finely cut ornamental foliage, and produces its attractive pink flowers in great profusion from April to August; 15 inches high. 25c. each; doz., \$2.00.

Spectabilis. One of the most beautiful border and shrubby plants, with graceful, fern-like foliage and attractive heart-shaped pink and white flowers appearing in April. Large roots. 25c. each; doz., \$2.50; \$17.50 per 100.

DORONICUM (Leopard's Bane)

A fine cut flower, closing toward the end of the day and opening up each morning. Flowers June and July.

Clusii. Dwarf; large, soft yellow flowers; 2½ to 3 inches across.

Caucasicum. Exceptionally free bloomer, rich yellow; a vigorous grower.

Plantagineum Excelsum. Spring-flowering, robust growing variety with deep yellow flowers, appearing at intervals during the entire summer.

Price of Doronicums, 25c. each; doz., \$2.50; \$17.50 per 100.

ECHINOPS (Globe Thistle)

Ritro. For shrubberies and borders, producing handsome, blue, globular flowers; valuable for cutting. 3½ feet.

Sphaerocephalus. Large, white flowers, fine for a background; plants growing 5 to 6 feet tall.

Price of any of the above Echinops, 25c. each; doz., \$2.50; \$17.50 per 100.

EPIMEDIUM (Bishop's Hat)

Small orchid-like flowers; April-May.

Alpinum. Reddish violet.

Bicolorum. Red and yellow.

Niveum. Pure white.

Sulphureum. Sulphur-yellow.

Price of Epimediums, 25c. each; doz., \$2.50; \$17.50 per 100.

ERYNGIUM (Sea Holly)

An ornamental plant, 2 to 3 feet high. Especially valuable for shaded locations or wild garden effects. The flower may be cut and dried for winter bouquets; July-September.

Planum. Light blue.

Amethystinum. The finely cut foliage and the thistle-like flowers are of amethyst-blue color; highly ornamental.

Price of the above Eryngium, 25c. each; doz., \$2.50; \$17.50 per 100.

EUPATORIUM

This is an effective plant, which produces fuzz-like flower heads. August till frost. It is fine for cutting.

Ageratoides (White Snakeroot). Pure white, 3 to 5 feet, flowering in August and September; a fine native plant.

Coelestinum. Light blue, flowering in August; 18 to 24 inches.

Purpureum Maculatum (Joe Pye Weed). Flower heads purple to flesh color. 4 to 6 feet.

The above 20c. each; doz., \$2.00; \$12.00 per 100.

FUNKIA (Plaintain or Day Lily)

Nothing is more handsome in a garden border or a hardy bed edged with the dwarf green and a variegated foliage of the *Media Picta* variety. If you have a shaded spot which you want to make real attractive, plant some Funkias.

Coerulea. Dark green foliage, with light blue flowers.

Undulata Media Picta. Green foliage, with distinct white markings. Lavender blue flowers.

The above, except where noted, 20c. each; doz., \$2.00; \$12.00 per 100.

GAILLARDIA (Blanket Flower)

When planted in clumps, beautiful flowers are borne in profusion and make a striking effect. They last a long while as a cut flower, and are abundant from June until frost. Height, about 2 ft.

Grandiflora. Dark brown centre, petals on the outer edge are yellow, and the centre is surrounded with a rich orange disk. 20c. each; doz., \$2.00; \$12.00 per 100.

GENTIANA (Gentian)

These are amongst the most desirable of Alpine plants and are of one of the prettiest shades of blue to be found in the garden.

Andrewsi (Closed Gentian). Large terminal and auxiliary clusters of blue flowers, about 2 feet high. July-August. 25c. each; doz., \$2.50; \$17.50 per 100.

GEUM (Avens)

Bright, showy flowers, which appear in great abundance in the early summer and fall, growing about 18 inches high. Attractive in border plantings.

Coccineum. Brilliant rich scarlet. 25c. each; doz., \$2.50; \$17.50 per 100.

Mrs. Bradshaw (New). Double, bright scarlet; 18 inches. 25c. each; doz., \$2.50; \$17.50 per 100.

GLECHOMA (Ground Ivy)

Variegata. Variegated creeper for growing over banks or for rockeries. 20c. each; doz., \$1.50; \$10.00 per 100.

GYPHOPHILA (Baby's Breath)

The flowers may be used as fresh cut flowers, also for a semi-everlasting effect.

Cerastioides. White flowers, marked pink; 3 inches. 20c. each; doz., \$2.00; \$12.00 per 100.

Paniculata. Feathery sprays of white flowers; useful for mist-like effects in bouquets. 20c. each; doz., \$2.00; \$12.00 per 100.

Paniculata flore pleno. This handsome variety produces pretty double pure white flowers. Splendid for bouquets. 30c. each; doz., \$3.00; \$20.00 per 100.

Repens. A useful plant for the rockery, with small white flowers; July-August. 25c. each; doz., \$2.50; \$17.50 per 100.

HELIOPSIS (Orange Sunflower)

Pitcheriana. Very similar to a small sunflower, but flowering earlier; deep golden yellow; June till frost; 3 feet high.

Scabra Zinniaeflora. A new double flowering form; somewhat resembling a Zinnia in shape; fine for cutting; July to August; 2 feet.

Price of *Heliopsis*, 20c. each; doz., \$2.00; \$12.00 per 100.

ORNAMENTAL GRASSES

Arundo Donax (Giant Reed). Tall variety with bluish-green foliage, frequently attaining a height of 20 feet.

Arundo Donax (Fol. Varieg.). This variety has variegated foliage. 35c. each; doz., \$3.50.

Elymus Glaucus. A handsome grass, with narrow glaucous silvery foliage.

Erianthus Ravennae (Plume Grass or Hardy Pampas). Deep green narrow foliage, growing about 10 feet high.

Eulalia Gracillima Univittata (Japan Rush). Graceful narrow foliage, growing 5 to 6 feet high. Bright green with a silvery rib.

Eulalia Japonica. Green leaves.

Eulalia Japonica Variegata. An attractive kind with a variation of markings of white, green, sometimes light pink and yellow; 4 to 5 feet high.

Eulalia Japonica Zebrina. Dark green foliage, is crossmarked horizontally a golden yellow. 4 to 5 feet high.

Gynierium Argenteum (Pampas Grass). This variety in severe climates requires light protection in winter. The silvery flower plumes are indeed handsome. It varies in height from 7 to 10 feet.

Phalaris Arundinacea Variegata (Variegated Ribbon Grass or Gardener's Garter). This sort is especially suited for edging taller varieties, as it grows somewhat dwarf. 15c. each; doz., \$1.50; \$10.00 per 100.

Pennisetum Japonicum (Hardy Fountain Grass). One of the most valuable hardy Grasses, either for beds, mixed borders or as individual specimens. Height, 4 feet. 15c. each; doz., \$1.50; \$10.00 per 100.

Price of any of the above Hardy Grasses (except where noted), 30c. each; doz., \$2.50; \$17.50 per 100.

HELENIUM (Sneezewort)

These desirable perennials succeed in almost any soil in a sunny location. The flowers are splendid for cutting.

Autumnale Rubrum. Bright terra-cotta red; 5 feet.

Autumnale Superbum. Massive spreading heads of deep golden yellow flowers; August-October; 5 feet.

Cupreum. Orange crimson; 2 feet.

Hoopesi. Orange yellow; large flowers 2½ inches across; June-July; 2 feet.

Riverton Beauty. Rich lemon-yellow with dark purple cone; 4 feet; August. Price of *Heleniums* (except where noted), 25c. each; doz., \$2.50; \$17.50 per 100.

HELIANTHUS (Hardy Sunflower)

They produce masses of flowers during summer until frost, which are splendid for cutting and decorative purposes.

Multiflorus fl. pl. Large, double golden yellow; July-August; 4 feet.

Orgyalis. Golden yellow; small flowered; long, narrow foliage; September; 5 feet.

Maximiliana. Blooms profusely in October; the fine golden yellow flowers appear in long, graceful sprays; splendid for cutting; 5 to 7 feet.

Rigidus Miss Mellish. Semi-double flowers; 4 to 5 inches across; very long petals of golden yellow; good for cutting.

Rigidus (The Prairie Sunflower). Flowers golden yellow, smaller than *Miss Mellish*; July till autumn; 5 feet.

Price of the above *Helianthus*, 20c. each; doz., \$2.00; \$12.00 per 100.

HELLEBORUS (Christmas Rose)

They flower when practically nothing is in bloom outdoors, actually thrusting their beautiful blossoms through the snow. Height, 8 to 10 inches.

Niger. Pure white. 40c. each; doz., \$4.00.

HEMEROCALLIS

(Yellow Day Lily)

Dumortieri. Very dwarf, flowering in June. Rich yellow flowers, bronze shaded on the back of petals. 25c. each; doz., \$2.50; \$17.50 per 100.

Flava. Light yellow flowers; very fragrant; June and July; 5 feet. 20c. each; doz., \$2.00; \$12.00 per 100.

Fulva. Trumpet-shaped flowers, orange colored shaded darker, blooms in June and July; 4 to 5 feet. 20c. each; doz., \$2.00; \$12.00 per 100.

Kwanso Flore Pleno (Double). Coppery red; July; 3 feet high. 20c. each; doz., \$2.00; \$12.00 per 100.

HESPERIS (Rocket)

Matronalis. Bushy plants; 3 to 4 feet high, with showy spikes of pink flowers during June and July.

Matronalis Alba. White.

Price of above *Hesperis*, 20c. each; doz., \$2.00; \$12.00 per 100.

HEPATICA (Liver Leaf)

Triloba. An interesting spring flowering plant, with pretty foliage and beautiful flowers. 25c. each; doz., \$2.50; \$17.50 per 100.

HEUCHERA (Alum Root)

Desirable dwarf plant of easy culture. Foliage remains close to the ground. During July and August the graceful thin flower-spikes, 2 feet high, appear in profusion.

Rosea. Light rose; 2 feet.

Sanguinea. Bright scarlet.

Sanguinea Alba. Creamy white; 2 feet.

Price of any of the above, except where noted, 25c. each; doz., \$2.50; \$17.50 per 100.

HIBISCUS (Mallow)

Crimson Eye. Purest white with deep crimson eye. July; 4 feet. 20c. each; doz., \$2.00; \$12.00 per 100.

Moscheutos Roseus. Large bell-shaped flowers of delicate pink. 20c. each; doz., \$2.00; \$12.00 per 100.

New Giant Flowering. A wonderful improved form of our greatly admired Marsh Mallows. They attain a height of 6 to 7 feet, have beautiful lacinated foliage and monstrous flowers, measuring often 6 to 8 inches in diameter. We offer these in three separate colors. Pink, White, Red. 35c. each; doz., \$3.50; \$25.00 per 100.

HOLLYHOCKS

These thrive best in soil that is not too wet; which should be enriched with well-rotted stable or sheep manure. While perfectly hardy, we recommend protecting them slightly during the winter with leaves, long manure or straw.

Double Canary Yellow.

Double Crimson.

Double Maroon.

Double Newport Pink.

Double White.

Separate colors. Hollyhocks as above. 20c. each; doz., \$2.00; \$15.00 per 100.

Double Mixed, Single Mixed, Allegheny Fringed Mixed. Mixed Hollyhocks, as above, 20c. each; doz., \$2.00; 100, \$15.00.

HYPERICUM (St. John's Wort)

Adpressum. Useful for covering ground in damp places; 6 to 8 inches high. 25c. each; doz., \$2.50; \$17.50 per 100.

Moserianum. A very free-flowering plant; the large flowers, often measuring 2 to 2½ inches across, are of a rich golden yellow color; blooms all summer; 2 feet. 25c. each; doz., \$2.50; \$12.00 per 100.

Patulum var. Henryi. A new variety, growing 3 to 4 feet high, with masses of clear yellow flowers during July and August. 35c. each; doz., \$3.50.

IBERIS (Hardy Candytuft)

The Hardy Candytufts are low-growing plants, with evergreen foliage. In spring and early summer they are completely covered with dense heads of pure white flowers.

Sempervirens. Pure white flowers.

Sempervirens Snowflake. An improved form of the above.

Price of *Iberis*, 20c. each; doz., \$2.00; \$12.00 per 100.

MICHELL'S HARDY PERENNIAL PLANTS

IRIS GERMANICA

(Fleur de lis)

Dr. Bernice. Bronze and crimson	Each \$0.25	Doz. \$2.50
Eugene Sue. White, spotted blue .....	.20	1.50
Florentina Alba. White....	.25	2.50
Gloire de Hillegom. Blue...	.20	1.50
Grachus. Crimson and white .....	.20	1.50
Gypsy Queen. Lavender....	.20	1.50
Her Majesty. Rosy lilac....	.25	2.50
Honorabilis. Yellow and bronze .....	.20	1.50
Innocenza. White .....	.20	1.50
Kharput. Deep blue.....	.20	1.50
Laura. Rich purple and white .....	.25	2.50
Leonidas. Mauve .....	.20	1.50
Mad. Chereau. White and blue .....	.20	1.50
Mrs. G. Darwin. White, gold and violet .....	.25	2.50
Mrs. H. Darwin. White and violet .....	.20	1.50
Mrs. G. Ruethe. White, shaded gray .....	.25	2.50
Mrs. Neubronner. Deep yellow .....	.25	2.50
Nuce d'Orange. Bronze....	.25	2.50
Ossian. Yellow and violet..	.25	2.50
Pallida Dalmatica. Lavender .....	.30	3.00
Queen of May. Light pink..	.20	1.50
Mixed. All colors .....	.10	1.00

IRIS KAEMPFERI (Japan Iris)

Double or Six-Petaled Varieties

These may be ordered, by number or name.

12. Gosetsu-Mai. White veined and traced blue.
 43. Usho-No-Komure. Violet.
 9. Ho-O-Jo. Crimson purple.
 8. Mana-zura. Very large; white with blue lines.
 13. Onega-shina. Royal purple, white veins.
 14. Renjo-no-toma. Frilled petals white centre.
 10. Geishoi. Crimson purple.
 - R6. Tokyo. Double pure white.
- Single or Three-Petaled varieties.
30. Gekko-no-nami. Early pure white.
 11. Kan-ran. White, lightly suffused.
 21. Kimi-no-Megumi. White densely veined purple.
 27. Shippo. Light lilac veined purple.
 25. Yomo-Zakura. Light ground, densely suffused purple.
 20. Yayaura. White, marbled violet.
- Price of any of the above-named Japan Iris, 30c. each; doz., \$3.00; \$20.00 per 100.
- Japanese Iris, Mixed Colors. 20c. each; doz., \$2.00; \$15.00 per 100.

IRIS INTERREGNA

Ceres. White	Each \$0.25	Doz. \$2.50
Charmant. Silver white....	.25	2.50
Walhallia. Blue .....	.25	2.50

IRIS PUMILA (Shrubby Iris)

Die Braut. White .....	.20	2.00
Lutea. Yellow .....	.20	2.00
Violacea. Deep blue .....	.20	2.00

IRIS SIBERICA

Orientalis. Deep blue .....	.20	2.00
Snow Queen. Pure white ...	.20	1.50
Orientalis Distinction. Violet blue; white falls .....	.25	2.50

LIATRIS (Blazing Star)

Tall flower spikes which loom up over the majority of other perennials; July till September.

Pycnostachia. Light rosy purple; 4 feet. Scariosa. Deep purple; 3 to 4 feet high. Price of Liatris, 20c. each; doz., \$2.00; \$12.00 per 100.

LILIES (Hardy)

(See page 11.)

LILY OF THE VALLEY

For outdoor planting in shaded places. Pure white flower bells appear on stems about 8 to 10 inches long in the latter part of May. 30c. each; doz., \$3.00; \$20.00 per 100.

LINUM (Flax)

Perenne. Graceful foliage, blue flowers; 3 feet.

Perenne Alba. A white flowered form of the above.

Price of Linum, 20c. each; doz., \$2.00; \$12.00 per 100.

LOBELIA

Cardinalis (Cardinal Flower). Flowers are a vivid crimson on spikes from 2 to 4 feet high; July-August.

Syphilitica Hybrida. Blue and white flowers, produced on long spikes; 2 feet; August-September.

Either of the above Lobelias, 20c. each; doz., \$2.00; \$12.00 per 100.

LYCHNIS (Campion)

Chalcedonica. Heads of brilliant orange scarlet; 2 feet high.

Chalcedonica Alba. White; 2 feet high. Chalcedonica Carnea. Flesh-colored.

Haageana Hybrida. Brilliant shades of orange and scarlet, blooming in May and June; height, 12 inches.

Viscaria (Ragged Robin, London Pride). Double red flowers on stalks 15 inches high, very showy; June.

Viscaria Alba Grandiflora. Large double white; the evergreen foliage forms a dense tuft; flowers all summer. 50c. each; doz., \$5.00.

Price of any of the above Lychnis (except where noted), 20c. each; doz., \$2.00; \$12.00 per 100.

LYTHRUM (Loosestrife)

A rank grower, throwing out flower spikes which are 3 to 4 feet high; flowering from July until September.

Brightness. Bright pink; tall erect spikes. 25c. each; doz., \$2.50; \$17.50 per 100.

Rose Queen. An improvement of the Roseum Superbum. 25c. each; doz., \$2.50; \$17.50 per 100.

MONARDA (Bergamot)

Showy plants, 2 to 3 feet high, flowering during July and August.

Didyma Cambridge Scarlet (Oswego Tea). 20c. each; doz., \$2.00; \$15.00 per 100.

Didyma Salmonea. Salmon rose. 25c. each; doz., \$2.50; \$17.50 per 100.

OENOTHERA

(Evening Primrose)

Eldorado. Double yellow; 10 inches. Fraseri. Deep yellow; 18 inches high.

Missouriensis. Golden yellow; 10 inches. Speciosa. Pure white; 18 inches high.

Price of any of the Oenothera, 20c. each; doz., \$2.00; \$12.00 per 100.

PACHYSANDRA

An evergreen trailing plant, with thick glossy foliage forming a dense mat.

Terminalis. Green; 6 to 8 inches high; small flower spikes of a grayish white, in May and June. 20c. each; doz., \$2.00; \$15.00 per 100.

PENTSTEMON (Beard Tongue)

Barbata Salmonea. Long panicles of salmon rose flowers. 35c. each; doz., \$3.50.

Diffusus. Deep purple; 1½ feet.

Digitalis. Purplish white flowers.

Price of the above (except as noted), 20c. each; doz., \$2.00; \$12.00 per 100.

PHYSOSTEGIA

(False Dragon Head)

Grows from 3 to 4 feet high, throwing up spikes decked with delicate tube-shaped flowers; July-August.

Virginica. Delicate soft pink.

Virginica Alba. Pure white.

Speciosa. Delicate pink.

Price of either of the above Physostegia, 20c. each; doz., \$2.00; \$12.00 per 100.

HARDY GARDEN PINKS

(Double)

Carmen. A fine early light pink.

Juliette. White, bordered crimson.

White Reserve. Pure white.

Price of any of the above hardy garden pinks (except where noted), 20c. each; doz., \$2.00; \$12.00 per 100.

PLATYCODON

(Japanese Bell Flower)

Very useful for cutting. June until October. Height, 2 to 3 feet.

Grandiflorum. Beautiful blue.

Grandiflorum Album. Pure white.

Price of either of the above, 20c. each; doz., \$2.00; \$12.00 per 100.

ORIENTAL POPPIES (Papaver)

Goliath. One of the most effective, large flowers of a rich scarlet.

Lightness. White at the centre changing to a fine pale salmon. 35c. each; \$3.50 per doz.

Mrs. Perry. Soft salmon rose.

Oriental King. Crimson scarlet with strong stems. 35c. each; doz., \$3.50.

Princess Victoria Louise. Salmon pink.

Price of any of the above Oriental Poppies (except where noted), 25c. each; doz., \$2.50; \$17.50 per 100.

ICELAND POPPIES

Flowers continuously the entire summer.

Orange King (Orange Yellow).

White. Yellow. Mixed Colors.

Any of the above, 20c. each; doz., \$2.00; \$12.00 per 100.

RUDBECKIA (Cone Flower)

These will furnish a supply of cut flowers from early July until September.

Golden Glow. Double canary yellow; 6 feet; flowers in August.

Newmanni. Single dark orange with deep purple cone centre; 3 feet high.

Purpurea (Giant Purple Cone Flower). Flowers from July to September, 2½ ft. high. Price of Rudbeckias, 20c. each; doz., \$2.00; \$12.00 per 100.

SCABIOSA

The flowers are gigantic, measuring frequently 3 inches and more in diameter. It delights in a sunny position, and is a cut flower few perennials can equal. The average height is about 2½ feet.

Caucasica. A delicate shade of lavender blue; all summer.

Caucasica Alba. White.

Price of Scabiosa, 25c. each; doz., \$2.50; \$17.50 per 100.

SCUTELLARIA

Coelestinum. A dwarf spreading Alpine plant, with bright blue flowers; splendid for rockeries; July-August. 20c. each; doz., \$2.00; \$12.00 per 100.

SEDUM (Stonecrop)

Acre. Yellowish foliage; bright yellow flowers; July-August; 6 inches.

Album. Green foliage; white flowers; height, 6 inches.

Sexangulare (Love'en'tangle). Dark green foliage; yellow flowers; 6 inches.

Sieboldii. Roundish foliage, with a blue cast, the flowers are bright pink.

Spectabilis. This variety grows about 18 inches and flowers in June; foliage light green, immense heads of pink flowers. 25c. each; doz., \$2.50.

Spectabilis Brilliant. One of the prettiest tall-growing species, reaching a height of about 18 inches; broad light green foliage and richly colored flowers of amaranth red. September-October. 25c. each; doz., \$2.50; 100, \$17.50.

Price of any of the above, except where noted, 20c. each; doz., \$2.00; \$12.00 per 100.

SOLIDAGO (Golden Rod)

Golden Wings. Very showy; 5 feet high, with immense bright golden yellow flowers from July to September. 20c. each; doz., \$2.00; \$12.00 per 100.

STOKESIA (Cornflower Aster)

The flower has the appearance combining a giant cornflower and an aster; 18 inches.

Cyanea. Very light blue.

Cyanea Alba. Pure white.

Price of the above, 20c. each; doz., \$2.00; \$12.00 per 100.

TUNICA

Saxifraga. A pretty plant of a very graceful trailing habit; pink flowers; fine for rockeries. 25c. each; doz., \$2.50.

THERMOPSIS

Caroliniana. A showy, tall growing plant, 3 feet high; long spikes of yellow flowers in June and July. 25c. each; doz., \$2.50; \$17.50 per 100.

TRILLIUM (Wood Lily)

Excellent for shaded positions, flowering very early in spring.

Erectum. Purple.

Grandiflorum. White.

Price of Trilliums, 15c. each; doz., \$1.50; \$10.00 per 100.

TRITOMA (Flame Flower)

(Flame Flower, Torch Lily or Red Hot Poker Plant)

In summer and autumn when other flowers are on the wane, the Tritoma looms up and furnishes a wealth of bloom till killing frosts check it. Though the roots are considered hardy, we, however, recommend that they be lifted in the autumn and placed in a box of soil or sand, preferably in the cellar.

Pfitzeri. Blooms from August till October; rich orange scarlet. 25c. each; doz., \$2.50; \$17.50 per 100.

VERBASCUM

Phoenicium. A most decorative plant, producing deep violet flowers on long spikes, often 3 feet long. Blooms continuously from July to September. 25c. each; doz., \$2.50; \$17.50 per 100.

VERONICA (Speedwell)

A fairly numerous and much grown group of perennials which, with few exceptions, bears spikes of blue flower. Excellent for cutting. June to August.

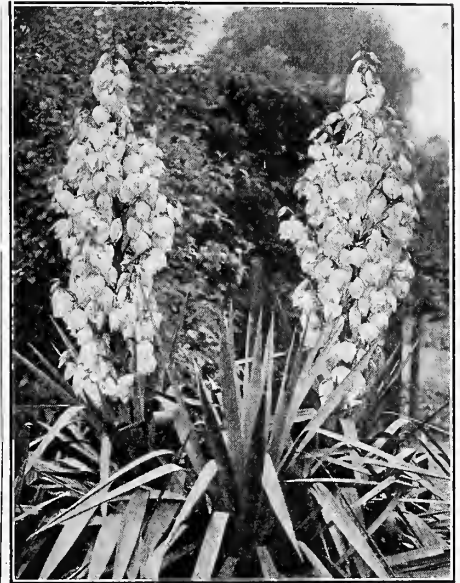
Amethystina. Amethyst blue flowers.

Incana. White, silvery like foliage, pale blue flowers; 12 to 18 inches.

Longifolia Subsessilis. Grows 2½ feet high; rich blue. 25c. each; doz., \$2.50.

Repens. Fine for rockeries or carpet bedding; light blue flowers; 6 inches.

Price of Veronica, except where noted, 20c. each; doz., \$2.00; \$12.00 per 100.



Yucca

VINCA (Periwinkle or Myrtle)

It is often a perplexing problem to find the plant that will do well in a dense shade. Right there is where Vincas of the hardy class should be employed, also in lawn plantings under trees, in woodlands and on spots where it is desired to cover the ground and no grass will grow. The attractive light lavender flowers produce a sheen of color in May. It is valuable for planting on cemetery lots by reason of its dwarf creeping habit. The foliage is green all winter.

Minor. Green foliage, lavender flowers.

Extra strong plants, 20c. each; doz., \$1.50; \$8.00 per 100.

YUCCA (Adam's Needle)

This plant sets off to best advantage if placed as individual specimens either on the lawn or in the shrubbery border. The foliage is of an evergreen nature, is slender and pointed, 4 to 5 feet, cream white, bell-shaped, flowers July and August.

Filamentosa. 25c. each; doz., \$2.50; \$17.50 per 100.

MICHELL'S CLIMBING PLANTS, VINES and ROSES

	Each	Doz.		Each	Doz.
Actinidia Arguta (Silver Vine). Beautiful dark green heart-shaped foliage	\$0.75	\$7.50	Clematis Nellie Moser. White and pink.....	.50	5.00
Akebia Quinata. Quick-growing vine.....	.30	3.00	Clematis Sieboldi. Blue .....	.50	5.00
Ampelopsis Engelmannii. Foliage green .....	.35	3.50	Clematis Ville de Lyon. Red .....	.50	5.00
Ampelopsis Henryana. A new variety from China .....	.50	5.00	Euonymus Radicans Variegata. Self-clinging vine..	.20	2.00
Ampelopsis Humilifolia. Dark glossy green foliage .....	.50	5.00	Euonymus Radicans Vegetus. Dense foliage.....	.30	3.50
Ampelopsis Lowii (New Japanese Ivy).....	.50	5.00	Euonymus Kewensis. Valuable for rockeries.....	.30	3.00
Ampelopsis Quinquifolia (Virginia Creeper)....	.30	3.00	Euonymus Radicans. Deep green foliage .....	.20	2.00
Ampelopsis Veitchii (Boston Ivy) .....	.30	3.00	Honeysuckle Chinese Evergreen (Woodbine)....	.30	3.00
Aristolochia Sipho (Dutchman's Pipe) .....	.60	6.00	Honeysuckle Halliana. Continuous bloomer .....	.30	3.00
Celastrus Scandens (Bittersweet) .....	.35	3.50	Honeysuckle Heckrothi. Deep red flowers.....	.30	3.00
Clematis D. of Edinboro. Double white.....	.50	5.00	Honeysuckle Variegated. Beautiful mottled foliage .....	.30	3.00
Clematis Flammula. White .....	.30	3.00	Lathyrus (Hardy Sweet Pea). White Pearl.....	.30	3.00
Clematis Henryi. White .....	.50	5.00	Lathyrus (Hardy Sweet Pea). Pink Beauty.....	.20	2.00
Clematis Integrifolia Durandi. Blue .....	.50	5.00	Lathyrus (Hardy Sweet Pea). Latifolius Albus. Pure white .....	.20	2.00
Clematis Jackmanni. Purple .....	.50	5.00	Polygonum Auberti. White flowers .....	.75	8.00
Clematis Mad. Baron Villard. Reddish purple...	.50	5.00	Polygonum Baldschuanicum. Light pink.....	.75	8.00
Clematis Mad. Edw. Andre. Red .....	.50	5.00	Schizophragma Hydrangeoides (Climbing Hydrangea). Introduced from Japan. White....	1.00	10.00
Clematis Montana Grandiflora. White .....	.50	5.00	Wistaria Chinensis. Pale blue, somewhat fragrant	.60	6.00
Clematis Montana Rubens. Red .....	.75	7.00	Wistaria Chinensis Alba. White-flowering .....	.60	6.00

Plants travel best by express. No Plants sent C. O. D.

(ht)

MICHELL'S FLOWERING AND DECORATIVE SHRUBS

HARDY AZALEAS

- Amoena.** Dwarf bushy shrub; covered in April and May with purplish-red double flowers. The foliage remains all winter, when it takes on a coppery-red shade. 12-inch diameter heads. \$1.00 each; per doz., \$10.00; \$80.00 per 100.
- Anthony Koster.** A type of the Mollis variety, with exceptionally large flowers of a golden orange; flowering in May; plants with 12 to 15 in. heads. \$1.25 each; per doz., \$12.00; \$90.00 per 100.
- Mollis.** Of dwarf bush-like habit, with light green leaves. There are but three colors of it, yellow, orange and red; it blooms about the middle of May. Mixed colors. Plants, 12 to 15 buds. \$1.00 each; per doz., \$10.00; \$75.00 per 100.
- Pontica Bouquet de Flore.** Salmon rose, semi-double, 18/24 inches. \$1.25 each; doz., \$12.50.
- Pontica Coccinea Speciosa.** Brilliant salmon, shaded darker, 18/24 inches. \$1.25 each; doz., \$12.50.
- Pontica Davis.** Pure white, free bloomer, 18/24 inches. \$1.25 each; doz., \$12.50.
- Pontica Nancy Waterer.** Indian yellow, very attractive, 18/24 inches. \$1.25 each; doz., \$12.50.
- Hinodegiri.** 2½ feet high and literally smothered with bright, fiery red single flowers in April and May. Strong plants, 18 in. diameter. \$1.50 each; doz., \$15.00; 100, \$100.00.
- Hinamayo.** Delicate deep pink flowers. 18-inch; well-budded plants. \$1.25 each; doz., \$12.00; \$80.00 per 100.
- Japonica Alba.** Pure white large flowers. Strong 18-inch plants. \$1.25 each; doz., \$12.50; \$80.00 per 100.
- J. C. Van Tol.** A type of the Mollis variety, but much larger, flowering bright red; plants with 20 to 25 buds. \$1.00 each; doz., \$10.00; \$75.00 per 100.
- Yodogama.** In May this variety is a mass of lavender pink; flowers very distinct; plants, strong 18-inch stock. \$1.00 each; doz., \$10.00; \$75.00 per 100.

AMYGDALUS (Flowering Almond)

- Rubra Flore Pleno Nana.** Erect, slender branches, which are covered in May with small, very double, fragrant, pink flowers. Strong plants, 1½ to 2 feet. 75c. each; doz., \$7.50.

HARDY RHODODENDRONS

Protect with leaves or brush during winter.

- Album Elegans.** Pure white, gigantic flower heads.
- Caractacus.** Crimson or blood red, a handsome shade.
- Prof. Chas. Dickens.** Red, a shade between light and dark.
- Prof. Chas. S. Sargent.** Rich crimson.
- Everestianum.** Lavender, very delicate and of great beauty.
- Fastuosum (Double).** Lavender; very large flower heads.
- F. D. Goodman.** Crimson.
- Gen'l Grant.** Aniline red.
- *James MacIntosh.** Rich scarlet.
- Kettledrum.** Deep red or rich purplish crimson.
- *Lady Grey Egerton.** Mauve.
- Roseum Elegans.** Rose pink, large flowers.
- Price of 18 to 24-inch plants, \$2.00 each; per doz., \$20.00; \$150.00 per 100.
- 24 to 30 inches high, \$3.00 each; doz., \$35.00; \$250.00 per 100.
- *Varieties marked thus can be supplied in 18/24-inch plants only.

AMORPHA (False Indigo)

- Fruticosa.** A strong growing shrub, from 6 to 7 feet high, with terminal panicles of pretty, odd and attractive bluish-purple flowers in July. 50c. each; doz., \$4.50.

ANDROMEDA (Lily of the Valley Shrub)

- Japonica.** Deep evergreen foliage, with drooping spikes of white flowers. \$1.50 each; doz., \$15.00.

ALTHEAS (Rose of Sharon)

- Alba Plena.** Pure white; double.
- Atropurpurea Plena.** Double purple.
- Coerulea Plena.** Double blue.
- Duchess de Brabant.** Double; deep red.
- Grandiflora Superba.** Double blush with crimson centre.
- Totus Albus.** Single; pure white.
- Plants, 2 to 3 feet high. 50c. each; doz., \$3.50; \$25.00 100.

BERBERIS (Japanese Barberry)

- Thunbergii.** (See page 47.) Unsurpassed as a hedgeplant.
- Atropurpurea (Purple Barberry).** Of erect growth, with purplish foliage. Small yellow flowers followed in the autumn with red berries. 2½ to 3 feet. 50c. each; doz., \$3.50; \$25.00 per 100.

CALYCANTHUS (Sweet Shrub or All Spice)

- Floridus.** Chocolate-colored double flowers, with a peculiar, agreeable odor. Blooms in June. 50c. each; doz., \$3.50.

CERASUS (Flowering Cherry)

- Double White.** Numerous white flowers conceal the branches in May; 4 to 5 feet. \$1.50 each.
- Double Pink.** Beautiful shade of pink; splendid for lawn decoration; 3 to 4 feet. \$1.75 each.

CYTISUS (Golden Chain)

- Laburnum.** A large shrub with shining green leaves and long, drooping racemes of yellow flowers, which appear in early summer; 3 to 4 ft. plants. 60c. each; doz., \$6.00.

CLETHRA (Sweet Pepper Bush)

- Alnifolia.** Of low and dense growth; white fragrant flowers appearing in July. 50c. each; doz., \$3.50.

CERCIS (Judas or Red Bush)

- Canadensis.** A tall slender growing shrub, developing eventually into a large tree. Deep pink flowers; 2 to 3 foot plants. 60c. each; doz., \$5.00.

CHIONANTHUS (White Fringe)

- Virginica.** In May and June the tree is covered with long, fluffy panicles of fine white bloom. Strong plants; 2 feet. 50c. each; doz., \$4.00.

CORNUS (Dogwood)

The flowers appear before the foliage in May. In the autumn takes on a rich crimson shade.

- Florida (White Flowered Dogwood).** Strong plants; 2 to 3 ft. 60c. each; doz., \$5.00.

- Rubra (Pink Flowered Dogwood).** 2 to 3 ft. \$1.25 each; doz., \$12.50.

EXOCHORDA (Pearl Bush)

- Grandiflora.** A profuse bloomer in the early summer. 2 to 3 feet. 50c. each; doz., \$3.50.

ELEAGNUS (Japanese Oleaster)

- Longipes.** A desirable nearly evergreen shrub of medium height, with light green foliage. Orange-scarlet colored berries during late summer. 50c. each; doz., \$3.50.

ERICA (Heath)

- Vulgaris.** Rosy red flowers. July.
- V. Alba.** White. July.
- Strong plants of the above, 50c. each; doz., \$4.00.

DEUTZIA

- Candidissima (Fl. pl.).** Abundant racemes of double, pure white flowers in June, luxuriant foliage and fine habit. 2 to 3-foot plants.
- Crenata (Fl. pl.).** Double flowers, white, tinged with rose, blooming in June; 2 to 3 feet. Plants, 18 to 24 inches.
- Crenata Rosea (Fl. pl.).** Double white, tinged pink. 2 to 3 feet.
- Gracilis.** White flower. 18 to 24 inches.
- Lemoinei.** Very dwarf and compact, with large flowers of purest white. 2-foot plants.
- Price of the above, 50c. each; doz., \$4.00.

EUONYMUS

- Japonica Aurea Var.** Beautiful deep green and yellow margined foliage, a splendid evergreen. 12- to 15-inch plants. \$1.00 each; doz., \$10.00.

FORSYTHIA (Golden Bells)

- Fortunei.** Erect growing with dark green foliage; 3 to 4 ft.
- Suspensa.** Of graceful drooping habit, can also be trained for covering arches and trellis work. Plants, 3 to 4 ft.
- Viridissima.** Of erect growth and spreading branches, narrow glossy foliage; one of the first to bloom. 3 to 4 ft. plants.
- Price of Forsythias, 50c. each; doz., \$4.00.

HYDRANGEA

- Arborescens Grandiflora Alba (Snowball Hydrangea).** Coming into flower early in June and lasting until late August. 2 ft., 50c. each; \$3.50 doz.
- Paniculata Grandiflora.** The large panicles of white flowers are at their best during August; later they take on a reddish cast. Strong bush form 2 to 3 ft. plants, 50c. each; per doz., \$3.50. Extra strong stock, 3 to 4 ft. 75c. each; per doz., \$6.00.
- Paniculata Grandiflora (Standard or Tree Shaped).** These are fine, planted as individual specimens in the lawn or in the centre of beds, containing other plants. Stems, 2 to 2½ feet long with shapely heads. \$1.00 each; per doz., \$10.00.

HYDRANGEA

(Otaksa Varieties) (See page 37)

KALMIA (Mountain Laurel)

- Latifolia.** A delicate pink, changing to white. Strong plants, 18 to 24 inches. \$1.25 each; per doz., \$12.00; \$90.00 per 100.

KERRIA (Globe Flower or Corchorus)

- Double-flowered.** Of medium size; double yellow flowers. Plants, 2 to 3 feet high. 50c. each; per doz., \$4.00.

Michell's Flowering and Decorative Hardy Shrubs

47

LONICERA (Honeysuckle)

Morrowi (Japanese Bush Honeysuckle). During the early autumn the plant is covered with bright red berries.
Tartarica (Tartarian Honeysuckle). An old-fashioned useful shrub with small fragrant flowers, some pink, others crimson and blush. Plants, 2 to 3 feet. Price of the above Loniceras, 50c. each; doz., \$4.00.

PHILADELPHUS

(Mock Orange or Orange Blossoms)

Coronarius. Handsome foliage and beautiful white flowers, quite fragrant. Plants, 2 to 3 feet.
Grandiflorum. A tall growing white variety, robust grower. Plants, 2 to 3 feet. 50c. each; doz., \$4.00.

LILAC (Syringa)

POT-GROWN PLANTS SUITABLE FOR FORCING

Chas. X. Large reddish purple with heavy trusses.
Marie Le Grey. Single, pure white, of wonderful fragrance.
Marie Lemoine. Double pure white.
Mme. Casimir Perier. Double, pure white.
President Grevy. Large panicles; double blue flowers.
Simon Mardner. Large, compact trusses; bright blue.
Souvenir de Louis Spaeth. Deep purplish-red flowers.
 Price of any of the above pot-grown Lilacs in extra strong fine plants, \$1.50 each; per doz., \$15.00.

FIELD-GROWN PLANTS. (See Above for Description.)

Charles X, Marie Le Grey, Mme. Casimir Perier, President Grevy, Souvenir de Louis Spaeth, Marie Lemoine, Simon Mardner. Extra strong plants of the above, field grown, 60c. each; doz., \$6.00.
Vulgaris. Common purple, sweet-scented Lilac. 18/30-inch. 50c. each; doz., \$4.00.
Vulgaris Alba. Pure white type of the above, but more fragrant. 18/30-inch. 50c. each; doz., \$4.00.
White Persian. Very early flowering; pure white, sweet scented. 18/24-inch. 50c. each; doz., \$4.50.
Persian. Early purple flowering; very profuse. 18/24-inch. 50c. each; doz., \$4.50.

PRUNUS

Pissardi (Purple-leaved Plum). A tree-like shrub with dark purple leaves; small pinkish white flowers in spring. Plants, 2 to 3 feet. 50c. each; doz., \$5.00.
Triloba (Double-flowering Plum). Double pink flowers in April. The plants are 2 to 3 feet high. 50c. each; doz., \$5.00.

PYRUS

Japonicus (Japan Quince). Covered in the early spring with cherry-red flowers. Extra strong plants, 2½ ft., 50c. each; doz., \$4.00.

STAPHYLEA (Bladder Nut)

Colchica. A tall-growing shrub, with white flowers. 60c. each; doz., \$6.00.

RHUS (Purple Fringe or Smoke Tree)

Cotinus. In July this is made very attractive, because of the light, airy or mistlike panicles of dark purplish blooms. Strong plants, 2½ feet, 50c. each; doz., \$4.00.

RHODODENDRONS (See page 46)

SPIREA

Anthony Waterer. Of dwarf, dense habit; crimson flowers. 18 to 24 inches, 50c. each; per doz., \$3.50.
Opulifolia Aurea. June. Golden foliage, white flowers. Extra size, 4 feet, 50c. each; doz., \$3.50.
Prunifolia (Bridal Wreath). Pretty double white flowers. 3 feet, 50c. each; per doz., \$3.50.
Van Houttei. The beautiful white flowers appear in May in great profusion, a strong, robust grower. Plants, 2 to 3 feet, 50c. each; per doz., \$3.50.
Thunbergii. A graceful bush, bearing in April and May innumerable small, white flowers with dainty foliage. Large plants, 2½ feet, 50c. each; doz., \$3.50.
Reevesii Flore Plena. Double white flowers in May and June. 2½ feet, 50c. each; doz., \$3.50.

SYMPHORICARPUS

Racemosus (Snowberry). Small red flowers are succeeded by many white berries, remaining on the plant through half the winter; strong plants, 2 ft. 35c. each; doz., \$3.50.

VIBURNUM

Carlesi. A new Japanese variety, bearing sweet-scented white flowers. 75c. each; doz., \$8.00.
Plicatum (Japanese Snowball). A desirable shrub. Extra fine plants, 2 to 3 feet. 50c. each; doz., \$5.00.
Viburnum Opulus Sterilis (Guilder Rose or Snowball). Single white. Strong plants, 3 ft. 50c. each; doz., \$4.00.

VITEX (Chaste Tree)

Agnus Castus. Attractive, graceful shrub, growing about 6 feet high. Lilac flowers in August. 3 to 4 ft. 50c. each; doz., \$4.00.

WEIGELIA

Amabilis. A pink flowering variety; in June and July; extra strong plants. 2 to 3 feet. 50c. each; doz., \$4.00.
Candida. The tube-shaped flowers are pure white; June-July. Plants, 2 to 3 feet. 50c. each; doz., \$4.00.
Eva Ratlike. Deep carmine-red. 2 to 3 feet. 50c. each; doz., \$4.00.
Rosea. Fine rose-colored flowers. Blossoms in May. Plants, 2 to 3 feet. 50c. each; doz., \$4.00.

TAMARIX

Africana. Pink flowers, blooming in May. 2 to 3 ft.
Hispida Aestivalis. Pink flowers, borne in July and August.
Gallica. A strong growing variety, bearing light pink flowers. 4 ft. Price of Tamarix, extra strong plants. 50c. each; doz., \$4.00.

MICHELL'S HEDGE PLANTS

Shipping Season, October and November

CALIFORNIA PRIVET

Exceedingly beautiful; leaves deep green, bright and very glossy. Especially adapted for hedges at the seashore; easily transplanted. Unlike a fence which needs painting, repairing, etc., and then never looks well, this hedge is no further expense after planted, and it adds dignity and charm to any home, and increases the value of real estate. Being absolutely hardy, it increases in its beauty with each successive year, and the possibilities are amply displayed at some of the model suburban home grounds in and around Philadelphia.

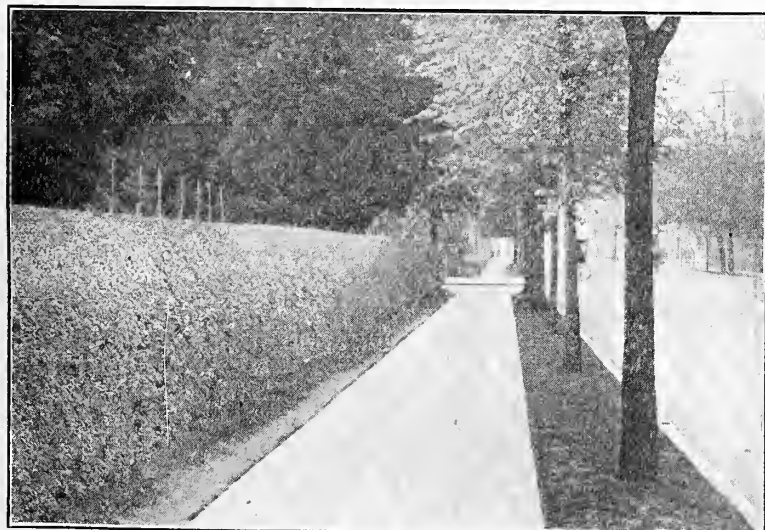
Plant from October 1st to November 15th, and from March 15th to May 15th. Ask for our special free circular on California Privet.

Height	Doz.	100	1000
1-yr.-old, 18 to 24 in., 3 to 4 branches.	\$0.75	\$3.50	\$30.00
2-yr.-old, 24 to 30 in., 5 to 8 branches.	1.00	5.00	42.00
2-yr.-old, 30 to 36 in., 8 to 10 branches.	1.25	6.50	52.50

GOLDEN OR VARIEGATED-LEAVED PRIVET

In form and habit like the California variety, but each leaf is margined and blotched golden yellow, giving it a striking appearance.

Bushy Plants, 18 to 24 inches high, 30c. each; doz., \$3.00; \$17.50 per 100.



A Privet Hedge is Much More Attractive than the Best Fence

BERBERIS THUNBERGII (Japanese Barberry)

A good, hardy plant of low dense growth. It is a brilliant, light green from early spring to winter. The slender branches are prickly with small thorns, and tend to make a defensive hedge that few animals will attempt to penetrate. In autumn the foliage is a bright crimson; when it falls a profusion of scarlet berries, which remain throughout the winter, are revealed on the branches.

PRICE OF BERBERIS

	Doz.	100	1000
1 to 1½ feet.....	\$1.75	\$12.50	\$100.00
1½ to 2 feet.....	2.00	15.00	120.00
2 to 2½ feet.....	4.00	27.50	200.00

Plants travel best by express. No plants sent C. O. D.

(ht)

MICHELL'S SELECT FRUITS



BLACKBERRIES (Extra Strong Plants)

Eldorado. A very vigorous grower, free from mildew or rust, enormously productive; fruit large, excellent quality.

Mersereau. Remarkably strong grower. An enormous producer of extra size berries which are brilliant black and retain their color under all conditions; sweet, without core.

Ohmer. Canes hardy; fruit very large; of excellent quality; firm, with no core, and sweet before soft or fully ripe.

Rathbun. Fruit is of enormous size, single specimens measure sometimes one and three-quarters inches in length; firm and sweet, with no core. Plant is very hardy.

Price of Blackberries, 60c. doz.; 100, \$3.00; \$27.50 per 1000.

Note.—If Blackberries are desired by Parcel Post allow 5 lbs. per dozen for postage, as we send out only extra strong plants which generally bear some the first season.

CURRENTS (Extra Strong Plants)

Black Naples. Fruit varies from small to large, averaging medium; strong flavor. An old and well-known variety.

Cherry. Bush vigorous, stocky and compact; cluster rather short, with short stems; fruit averages large; color fine, bright red.

Fay's Prolific. Not quite so strong a grower as Cherry; cluster medium to long; color darker than Cherry.

Red Dutch. An old and well-known standard variety; clusters average about three inches long; berries medium in size, dark red. 20c. each; per doz., \$1.50; \$8.00 per 100.

Price.—Any of the above varieties of Currants, strong 2-year-old, 20c. each; per doz., \$1.50; \$8.00 per 100.

Note.—If Currants are desired by Parcel Post, add 15c. per doz. for postage.

GOOSEBERRIES (Extra Strong Plants)

Downing. Fruit medium to large, whitish green; flesh soft, juicy.

Industry. An English variety quite hardy here; it is a great producer of large red berries.

Red Jacket. Of American origin, possessing all the good qualities of the English type, and withstanding our severe climatic conditions with impunity. A wonderful cropper, with clean, healthy foliage.

The Pearl. Large pale green fruit of exceptional quality; very sweet.

Price of Gooseberries, 20c. each; doz., \$2.00; \$15.00 per 100.

Note.—If Gooseberries are wanted by Parcel Post, please add 25c. per doz. for mailing charges.

RASPBERRIES (Extra Strong Plants)

Brilliant. Ripens its fruit early and fast, producing bright, glossy, brilliant red berries. Per 100, \$4.00; \$30.00 per 1000.

Cumberland (Blackcap). The largest raspberry known. Selected specimens measure an inch in diameter, immensely productive. Season a little in advance of Gregg.

Cuthbert. Berries very large; conical; rich crimson.

Golden Queen. Berries are large, of beautiful bright yellow, of excellent quality; medium to late.

Gregg (Black). Large, firm, of good quality, ripening late.

Price of any of the above Raspberry Plants (except where noted): 60c. per doz.; \$3.00 per 100; \$27.50 per 1000. If Raspberries are wanted by parcel post, add 10c. per dozen for charges.

EVERBEARING RASPBERRY "RANERE"

This yields its first crop of berries in June (the regular season), and yields an equally heavy crop the latter part of August and continues bearing right up to November.

It thrives equally well on sandy and heavy soil. The fruit is large, of a beautiful crimson color, very sweet and juicy and is borne in great abundance, and does not seem to sunscald as easily as other sorts.

We will send out strong plants, which should bear the first season.

Price, 60c. per doz.; per 100, \$3.00; \$27.50 per 1000.

If wanted by mail, add 10c. per doz. for postage.

SPECIAL NOTICE ON GUARANTEE

We spare no efforts to supply "small fruit" bushes of the best quality in first-class living condition. On account of the many causes beyond our control we regret we cannot guarantee this stock to live and establish itself, as that is usually entirely within the power of the buyer or planter. If customers desire us to guarantee these and trees and shrubs to live we will assume such guarantee at an advance of 25 per cent. over and above our usual prices, but not otherwise, and such guarantee will expire within 90 days from date of planting.

GRAPE VINES

Caco. The most delicious of all Grapes—perfectly hardy, has been pronounced by America's most expert grape growers to equal in high quality and melting texture the finest varieties grown under glass. The large berry is wine-red. Bunch of good size, compact and of good form. Ripens ten days to two weeks in advance of Concord; rich in sugar, excellent in flavor. Vine a very strong, vigorous grower, healthy and prolific. 35c. each; doz., \$3.50.

Campbell's Early. A valuable and delicious grape; vine very strong, hardy and vigorous, with thick, healthy foliage; berries large, black, with light purplish bloom; skin thin; few and small seeds; flavor rich, delicious.

Catawba. Delicious flavor, medium size red berry.

Concord. The well-known standard purple variety, succeeds wherever grapes will grow.

Delaware. Bunches and berries rather small; light red; juicy.

Green Mountain. A very early grape of the best quality; of medium size; color, greenish-white. 50c. each; per doz., \$5.00.

Moore's Diamond. A strong healthy grower, hardy and productive; color, white; berries large, flesh tender, juicy, but with little pulp; ripens before Concord.

Moore's Early. Berry large, with heavy blue bloom. Vine exceedingly hardy; desirable for early.

Niagara. An unusually strong grower; bunches very large and compact, berries large, light greenish-white, semi-transparent, has very little pulp and is sweet to the centre.

Wyoming. Vine very hardy, healthy and robust. One of the most beautiful of the amber or red grapes, and in size nearly double that of the Delaware. Flesh tender and sweet, with a strong native aroma. Ripens before Delaware.

Prices.—2-year-old vines, except where noted, 30c. each; doz., \$3.00; \$18.00 per 100. Extra strong 3-year-old vines, which generally bear the following season. 50c. each; doz., \$5.00; \$30.00 per 100. If Grape Vines are wanted by mail, add 5c. each for postage charges.

POT GROWN STRAWBERRY PLANTS

E indicates Early. M indicates Mid-season. L indicates late season varieties.

Big Joe (M)

Brandywine (M)

Early Jersey Giant (E)

Early Ozark (E)

Gandy (L)

Glen Mary (M)

Heritage (M)

Late Jersey Giant (L)

Nick Ohmer (M)

Senator Dunlap (E)

Stevens Late Champion (L)

Success (E)

Wm. Belt (L)

Prices of above Strawberries:

Pot-grown: \$1.00 per dozen; per 100, \$6.00; \$50.00 per 1000.

Larger Plants (ready Oct. 1st): 35c. per dozen; per 100, \$1.50; \$10.00 per 1000.

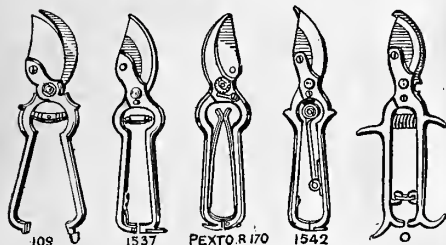
AUTUMN FRUITING OR EVERBEARING VARIETIES

Progressive. This variety we consider the best.

Prices—Pot-grown Plants: \$1.00 per dozen; per 100, \$6.00; \$50.00 per 1000.

Larger Plants (ready about Oct. 1st): 40c. per dozen; per 100, \$2.50; \$22.50 per 1000.

PRUNING SHEARS



No.		P. P. Wt.	Each
109	Wiss, 8 in. ....	.2 lbs.	\$3.25
60	Pexto American. .2	lbs.	1.00
65	" " .2	lbs.	1.50
165	" " .2	lbs.	1.75
R165	" " .2	lbs.	2.00
R 70	" " .2	lbs.	2.00
R170	" " .2	lbs.	2.50
14	Nickeled, 6½ in. .1½	lbs.	1.10
0	American .....		.50

Spiral Springs for any of the above Pruning Shears, 15c. each; per doz., \$1.50.

Parcel Post Weight, per doz., ½ lb.

FRENCH PRUNING SHEARS

These have a distinct, very easy working spring and are desirable for one whose hand is liable to fatigue when pruning.

No. 1542—7 -inch2 lbs.
No. 1542—8½-inch2 lbs.

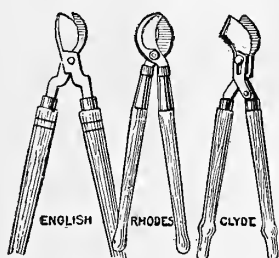
French Pruning Shears are unprocureable at present.



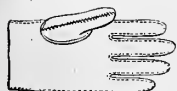
**No. 23
LEVIN
PRUNER**

The handle of this shear affords a great deal of leverage, which makes very easy cutting possible. Price, 85c. Weight, 2 lbs.

LOPPING SHEARS



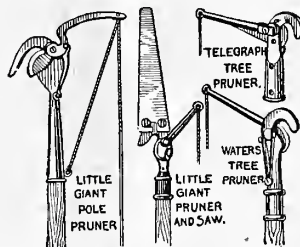
No. 109	English, 4-inch cut, finest English steel	\$4.50
Rhodes	Double cut. Easiest to operate. 24 and 28-inch handles. .	3.25
No. 5400	Clyde, 24 inches long. 1½-inch jaw	3.25
No. 5400	Clyde. 30 inches. Will handle limb 2½-inch diameter... Parcel Post Weight about 5 lbs. each.	3.75



**LEATHER
PRUNING
GLOVES**

	P. P. Wt.	Pair
With gauntlets .....	.1 lb.	2.50

TREE PRUNERS



Disston's Little Giant. Pruner...\$1.75

Parcel Post Weight, 3½ lbs.

Disston's Little Giant. With saw attachment (see cut)..... 2.50

Parcel Post Weight, 4 lbs.

The above prices are for Pruner without rope or pole.

TELEGRAPH TREE PRUNER

Removable blade which can be renewed when worn out for 25c. Price, plain as in cut, \$1.25.

Parcel Post Weight, 2 lbs.

WATER'S TREE PRUNERS

With removable cutting blade and pole complete.

4 feet	\$1.00
6 "	1.25
8 "	1.50
10 "	1.75
12 "	2.00
14 "	2.25

Extra Blades for Waters Pruners, 25c. each.

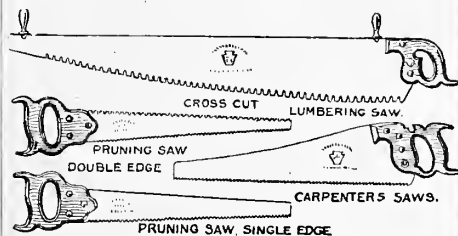
None of the above Tree Pruners except the Waters are equipped with poles or rope.

Poles for Tree Pruners.

12 feet long, 1¼ inches diameter.	\$1.00
14 " " 1½ " " "	1.25
16 " " 1½ " " "	1.50

Water's Pruners are not mailable.

SAWS



CROSS-CUT LOG SAWS

One Man, 3½-foot blade.....	\$4.00
Two Man, 5-foot blade.....	5.00

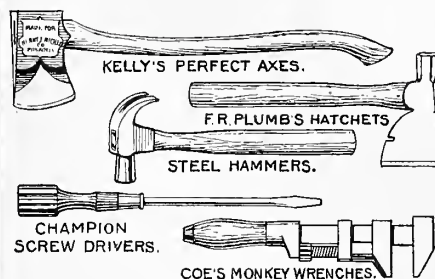
DISSTON PRUNING SAWS

	P. P. Wt.	Each
18-inch. Double edge....	.2 lbs.	\$1.00
20 " " " .....	.2 lbs.	1.25
16 " Single edge....	.2 lbs.	1.25
18 " " " .....	.2 lbs.	1.35
20 " " " .....	.2 lbs.	1.50
22 " " " .....	.2 lbs.	1.60

CARPENTER SAWS

When ordering, state if rip or cross cut, is desired.

Disston No. 8—26-inch blade.....	\$3.00
" No. 8—28 " "	3.40



AXES—KELLY'S PERFECT

Man's, Medium	\$2.50
Boy's	2.00

HATCHETS

F. R. Plumb's heavy.....	1.50
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HAMMERS

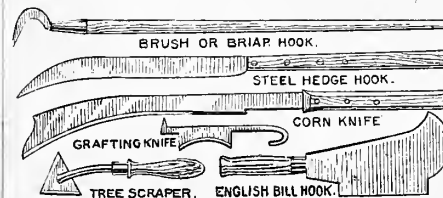
Steel	1.10
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COE MONKEY WRENCHES

Hard steel, 8-in., \$1.25; 10-in. steel, \$1.50	
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CHAMPION SCREW DRIVERS

No.	P. P. Wt.	
No. 23—4-inch blade.....	1 lb.	\$0.35
No. 23—6-inch blade.....	1 lb.	.45
No. 23—8-inch blade.....	1 lb.	.55



BRUSH OR BRIAR HOOK

No. 43. Steel cutting blade, long handle.	
Price	\$1.00

STEEL HEDGE KNIVES

Finest steel with a slight hook on blade.	
Each	\$1.75

CORN KNIVES

No. 42. Eureka, bent blade.....	\$0.75
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GRAFTING TOOLS

With wood handle	\$0.85
All steel65
Parcel Post Weight, 1 lb.	

TREE SCRAPERS

No. 5, short handled, 75c. (Parcel Post Weight, 1 lb.). Long handled, \$1.25. Not mailable.	
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ENGLISH BILL HOOKS

For trimming heavy shrubbery, trees, etc. Parcel Post Weight, 4 lbs.

*Short handle.

*Long handle.

*Stock not procurable at present.

STOVES (HOT WATER)

Capacity of in. Pipe Radiation

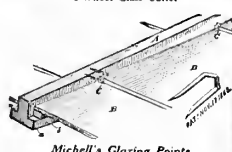
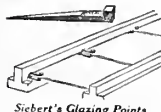
No. 0—150 ft.	50 sq. ft.
No. 1—200 " "	75 " "
No. 2—400 " "	150 " "
No. 4—600 " "	300 " "

Prices will be quoted on application.

Send for full descriptive list on these hot-water stoves.



GLAZING MATERIALS



FEDERAL GLAZING CEMENT

1 gal.....\$1.75 | 5 gals.....\$7.00

GLASS CLAMPS

For supporting broken lights of glass.
Per box of 100, \$1.75. P. P. Wt., 1 1/4 lbs.

GLASS CUTTERS

Single Wheel, steel, each.....\$0.15
6-Wheel, steel, each..... .50
Diamond (ebony handle)..... 3.00
Diamond (cocoa handle)..... 4.00

GLAZING POINTS

Michell's Glazing Points. Nos. 1 and 2, 60c. per 1000.

Peerless. Three sizes.

No. 1, for single thick glass.

No. 2, for single thick glass.

No. 2 1/2, for double thick glass.

Price, 60c. per 1000. By mail, 10c. per 1000 extra.

Pincers. For driving Michell's and Peerless Points, 50c.

Siebert Points. Made with a prominent head; cannot rust; easily driven. 5/8, 3/4 and 7/8 inch long. Zinc, 55c. per lb.; 5 lbs., \$2.60. 1000 to 1200 in a lb. Zinc Glazing Nails. 50c. per lb.; 5 lbs., \$2.40.

MASTICA

For glazing greenhouses, new or old. One gallon will cover about 300 running feet.

1/2 gallon... 8 lbs. \$1.05
1 " ...15 lbs. 2.00

MASTICA MACHINE

Mastica Machine. For distributing mastica, etc. Made of heavy zinc. Price, \$2.25. P. P. Wt., 2 lbs.

TWEMLOW'S PUTTY

16-lb can (1 gal.) P. P. Wt., 18 lbs.\$2.50
50 lbs. (3 gals.)..... 7.25
80 lbs. (5 gals.).....11.25

PUTTY DISTRIBUTOR

For distributing putty, mastica, etc. Price, \$1.25. Parcel Post Weight, 1 lb.

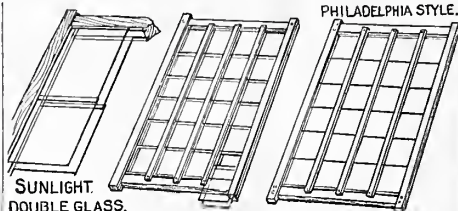
Putty Distributor

HAMMOND'S GREENHOUSE WHITE

A superior white paint, 1 gal., \$3.75

SPECIAL NOTICE

Owing to the unsettled market conditions, all prices in this catalog are subject to change.



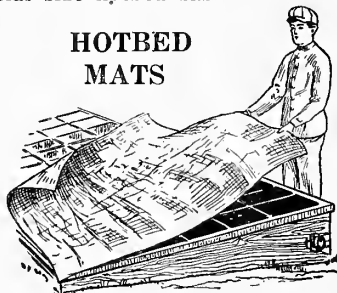
HOT BED SASH

Sunlight Glass Sash. These are made with a double glass facing, one on the bottom, another on the top. It is claimed that hotbed mats are unnecessary with these. 3 ft. wide. 6 ft. long. Plain, Unglazed and Unpainted...\$3.25
Glazed and Painted 7.50
Philadelphia Style. Best quality cypress. Size, 3 ft., 1 1/4 in. wide, 6 ft. long, 1 3/4 in. thick.

Plain, not glazed or painted, \$3.00 each; \$34.00 doz. (Painting only, 25c. each.)
Glazed, painted, puttied glass, \$6.50 each; \$75.00 doz.

Packing glazed sash, 35c. each.
Special size hotbed sash made to order.

HOTBED MATS



Hotbed mats keep frosts and severe cold out of frames. They mean earlier and bigger crops.

The Drill mats are the best that it is possible to procure. They are padded with shoddy. Rats and mice do not harbor in them. The straw mats dry out more readily and are preferred by many gardeners.

Drill, Plain. 76x76 inches, covering two sash. Each, \$3.50; doz., \$40.00.

Drill, Plain. 40x76 inches, for one sash. Each, \$2.25; doz., \$26.00.

Drill, Waterproofed. 40x76 inches. \$2.50 each; doz., \$28.00.

Drill, Waterproofed. \$4.00 each; doz., \$44.00.

Drill Mats. 76 inches wide, any length. Price on application.

Straw Mats. 3x6 feet..... Each \$1.50 Doz. \$16.50
Straw Mats. 6x6 feet..... 2.50 27.50



Pennsylvania Lawn Cleaner



Apollo Lawn Sweeper

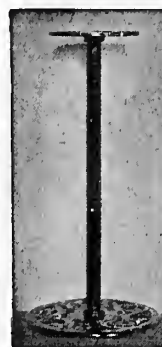
LAWN CLEANERS AND RAKES

Pennsylvania, 24-inch rake \$20.00
24-inch Putting Green Sweeper.... 20.00

IRON PLANT STANDS

STAR STYLE

Somewhat similar to the "Superior," excepting that they are not fitted with the tilting device, and are finished in black varnish.



Height	Each
12 inches.....	\$1.25
18 ".....	1.35
24 ".....	1.50
30 ".....	1.60
36 ".....	1.70
42 ".....	1.80

SUPERIOR STYLE

Can be tilted to set your plants at any angle desired to produce the proper decorative effect. Enameled in green.

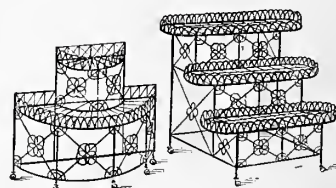
Height	Size of Plates	Price Each
12 inch.....	5 x 7	\$1.25
18 ".....	5 x 7	1.35
18 ".....	8 x 10 1/2	1.50
24 ".....	8 x 10 1/2	1.60
30 ".....	8 x 10 1/2	1.70
36 ".....	8 x 10 1/2	1.80
42 ".....	8 x 10 1/2	2.00
48 ".....	8 x 12	2.15
60 ".....	8 x 12	2.30
72 ".....	8 x 12	2.50

EXTRA PLATES FOR IRON STANDS

For Superior For Star Stands

5 inch.....	\$0.30	\$0.30
7 ".....	.45	.45
8 ".....	.60	....
10 1/2 ".....	.75	.60
12 ".....	.90	....

WIRE PLANT STANDS



Square Style

Half Round Style

1 Shelf.....	\$3.00	\$3.00
2 ".....	4.50	4.50
3 ".....	5.50	5.50

JONES' COLLAPSIBLE STYLE

2 shelf.....\$3.25 | 3 shelf.....\$4.25

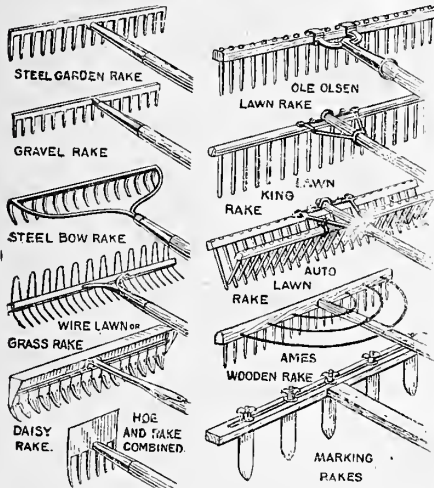
JONES' POT BRACKET

For 5- to 7-inch pots, 35c. to 45c. each

SPECIAL NOTICE

On account of unusual market conditions all prices are subject to change without notice, although we will do our best to avoid any advances.

LAWN RAKES AND OTHER RAKES



STEEL GARDEN RAKES

No. 6—6-tooth	.....\$0.70
" 8—8 "	......75
" 10—10 "	......75
" 12—12 "	......80
" 14—14 "	......85
" 16—16 "	......90

STEEL GRAVEL RAKES

No. G12—12-tooth	.....\$0.85
" G14—14 "	.....1.00
" G16—16 "	.....1.10
" G18—18 "	.....1.20
" G20—20 "	.....1.30

STEEL BOW RAKES

No. B11—11-tooth	.....\$0.90
" B13—13 "	......95
" B15—15 "	.....1.00

WIRE LAWN OR GRASS RAKES

No. 2046—46-tooth, for putting greens	.....\$1.00
No. 124R—24-tooth	......60
" 36LR—36 "	.....1.00

ENGLISH DAISY RAKES

16-tooth	.....Unprocurable
20 "	.....Unprocurable

HOE AND RAKE COMBINED

No. 4P—4-prong\$0.80
" 6P—6 "90

OLE OLSEN LAWN RAKE

26-tooth, hickory wood. Price\$0.75
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LAWN-KING RAKES

22-tooth\$0.50
50 "1.00

AUTOMATIC LAWN RAKES

26-tooth\$1.00
38 "1.25

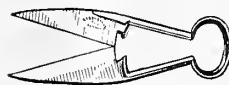
WOODEN RAKES

Ames No. 37X—24-tooth, steel bow. For lawns	.....\$1.00
Ames No. 30X—Ames 14-tooth hard wood bow rake for hay and field use	......70
Wire Braced 20-tooth	......50

MARKING RAKES

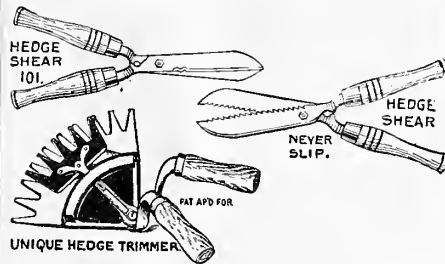
Any width row up to 4½ feet.
Price\$7.00
Extra teeth, each60

GRASS SHEARS



No. 3075—English, 6-inch	.....\$1.25
" 3075— " 7-inch	.....1.50
" 012—American, 7-inch	.....1.25
" 012— " 6-inch	.....1.00

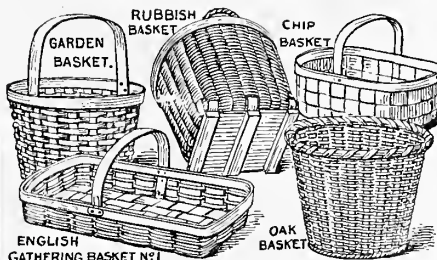
HEDGE SHEARS



		P. P. Wt.	Each
107—5½-inch, Ladies	.....4 lbs.	\$1.50	
101—8 "	.....4 lbs.	2.00	
101—9 "	.....5 lbs.	2.25	
101—10 "	.....5 lbs.	2.50	
101—12 "	.....6 lbs.	3.00	
Handles for Hedge Shears, 50c. per pair.			
P. P. Weight on Handles, 2 lbs. per pair.			

UNIQUE HEDGE TRIMMER

Guaranteed satisfactory; cuts 11-inch swath. Unprocurable at present.
Parcel Post Weight, 5 lbs.



GARDEN BASKETS

No.	Each
No. 2, Stiff handle, ½ bu.	.....\$0.70
No. 3, drop handle, ½ bu.	......70
No. 4, without handle, ½ bu.	......70
No. 4, without handle, 1 bu.	......85

ENGLISH GATHERING BASKET NO. 1

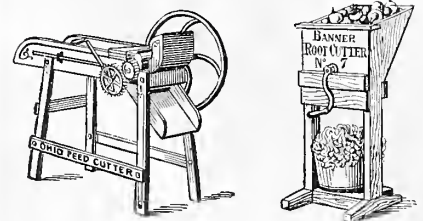
12 in. wide, 23 in. long, 4 in. deep..\$1.00

RUBBISH BASKET

Holds 3 bushels. Price with rope handles\$3.00

SPLINT OR CHIP BASKETS

	With Handle	Without Handle
¼ bu. doz.	\$1.75	\$1.50
½ bu. "	1.90	1.75
¾ bu. "	3.00	2.75
1 bu. "	5.00	4.75



Hay and Feed Cutter Banner Root Cutter

FEED AND HAY CUTTER

This is considered the finest machine in the market for cutting hay, ensilage, etc.

No. 11¼ Ohio Single Knife, \$18.50; No. 11½ Ohio double knife, \$27.00.

Mann's Clover Cutter for poultry raisers' use. Plain, \$10.00; on stand, \$12.50.

BANNER ROOT CUTTER

No. 7, for poultry, sheep and lambs.\$6.00
Roots of vegetables cut up fine take the place of grass and greens during the winter months—a root cutter will be found mighty handy around the farm and poultry yard.

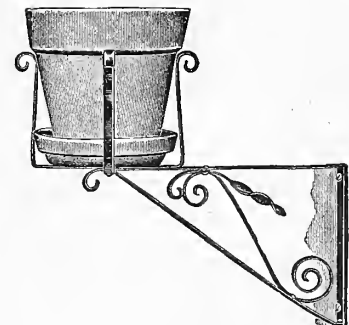
RUBBER APRONS

Rubber Apronseach \$2.25

CARRIAGE AND AUTOMOBILE HEATERS



No.	P. P. Wt.	Each
2. Single drawer, 14 in., 5 lbs.	\$4.00	
7B. 20 in., Brussels carpet, 7 lbs.	5.50	
10. Three Drawers. (See cut)...	10.00	
Coal for Auto Heaters, \$1.00 doz. bricks; per 100, \$7.00. Weight, 8 lbs. per doz.		
Tongs for Handling Hot Coals, 35c.		
Parcel Post Weight, 1¼ lbs.		



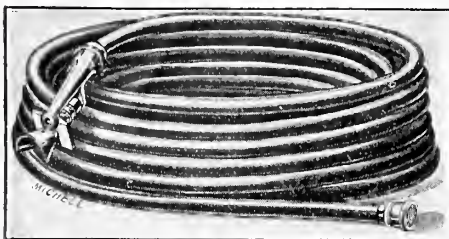
JONES' POT BRACKET

(See cut)

No. 1—Holds 5-inch pot. Each, 35c.; \$4.00 per doz. Parcel Post Weight, each 1 lb.	
No. 2—Holds 6-inch pot. Each, 40c.; \$4.50 per doz. Parcel Post Weight, each 2 lbs.	
No. 3—Holds 7-inch pot. Each, 45c.; \$5.00 per doz. Parcel Post Weight, each 2½ lbs.	

All Prices Subject to Market Changes.

(ht)



RUBBER HOSE

Special attention is called to "Michell's Special" Hose, a new brand which, having been thoroughly tried out, has made good.

	Weight per ft.	Per ft.
*Michell's Special, ½ in. 4 ozs.		\$0.17
" " ¾ in. 5 ozs.		.18½
*Electric, ¾ in. 5 ozs.		.22
" ¾ in. 5 ozs.		.21
" ½ in. 4 ozs.		.20
*Revero, ¾ in. 5 ozs.		.22
" ½ in. 4 ozs.		.19
*Empire Red (corrugated) ¾ in.		.22
Bull Dog, ¾ in., 7-ply. 6 ozs.		.16½
Spray Pump Hose, ¾ in. 3 ozs.		.12

P. S.—Brands marked * come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 30c. per pair for couplings.

Hose Washers. For inside and outside of couplings. 8c. doz.; ¼ lb., 30c.

HOSE BANDS

For fastening couplings and menders.

CALDWELL'S

No.	Doz.	100
8—For 3-ply hose	\$0.40	\$2.50
6—For 4-ply hose	.40	2.50
P. Post Weight, doz., ¼ lb.; 100, 2¼ lbs.		

HUDSON'S

	Doz.	100
¾ inch	\$0.18	\$1.25
½ " "	.18	1.25
P. Post Weight, doz., ¼ lb.; 100, 2¼ lbs.		

SURE GRIP

¾ inch, 5c. each; per doz., 50c.
P. Post Weight, doz., 1 lb.; 100, 9½ lbs.

BRASS HOSE COUPLINGS

	P. P. Wt.	Doz.	Pair	Doz.
½ inch	3¼ lbs.	\$0.30		\$3.00
¾ " "	4 lbs.	.30		3.00
1 " "	5 lbs.	.35		3.50

SNAP HOSE COUPLINGS

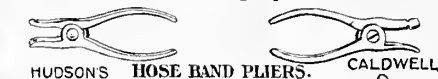
Snap Couplings, 30c. pair; doz. pairs, \$3.25 (Washers, 20c. doz.)
Parcel Post Weight, per doz., 2½ lbs.

SNAP COUPLING PARTS

No. 2—Male, 12c. each; per doz., \$1.35
Parcel Post Weight, per doz., 1¼ lbs.
No. 1—Female, 20c. each; per doz., \$2.00
Parcel Post Weight, per doz., 1¼ lbs.



HOSE BANDS



HOSE COUPLINGS.



HOSE MENDERS.



ACME HOSE COUPLINGS

No. 3 part, for attaching to spigot, 18c. each; doz., \$2.00.
Parcel Post Weight, per doz., 3 lbs.
No. 4 part, for attaching to hose, 30c. each; doz., \$3.50. Weight, doz., 3 lbs.
Couplings complete, consisting of one No. 3 and one No. 4 part, 47c. each; per doz., \$5.50. Weight, per doz., 6 lbs.

HOSE MENDERS

	P. P. Wt.	Each.	Doz.
Cooper's ¾ in. 1¼ lbs.	\$0.10	\$1.00	
" ¾ in. 1 lb.	.10	1.00	
" ½ in. 1 lb.	.10	1.00	
Jones', ¾ in. (ir.) 2¼ lbs.	.06	.60	
Hudson's, ¾ in. (br.) ½ lb.	.08	.85	
" ½ in. (br.) 6 ozs.	.07	.75	
Republic Hose Menders, ¾ in. (screw sleeve).....	.15	1.50	

THE PERFECT HOSE MENDER

For ¾-inch hose, 12c. each; doz., \$1.20.
Parcel Post Weight, per doz., 1¼ lbs.

HOSE MENDING OUTFIT

(For ¾-inch Hose)

Consisting of 6 menders or connections, 18 bands or fasteners, and a pair of pliers for fastening bands. Price, 85c. each.

Parcel Post Weight, 1 lb.

BOSS HOSE NOZZLE

Price, 85c. each. For ¾-inch hose.
Parcel Post Weight, ½ lb.

GEM HOSE NOZZLE

¾-inch hose. Regulated to give three different streams. Price 75c.

Parcel Post Weight, ½ lb.

THE BINKS NOZZLE

Made of aluminum, with brass face, equipped with interchangeable sprays, coarse and fine. \$2.75 each.

Parcel Post Weight, 1¼ lbs.

BOSTON SPRAY NOZZLE

P. P. Wt. Price
Light Copper, ¾-inch hose... ½ lb. \$1.00
Heavy Brass, ¾-inch hose... 1 lb. 1.25

RAINBOW NOZZLE

An all-brass device with an adjustable arrangement, which regulates in a perfect manner the character of the stream this nozzle will throw. For ¾-inch hose. (Parcel Post Weight, 1 lb.) Price \$2.00.

PLAIN STREAM NOZZLES

P. P. Wt. Price
4 inch, for ¾-inch hose.... 4 ozs. \$0.75
6 inch, for ¾-inch hose.... 6 ozs. 1.00

SIAMESE HOSE CONNECTION

This permits one lead of hose to be diverted in two directions. Additional two-way connections can be used according to the water pressure. Price, 85c. each. Parcel Post Weight, 1 lb.

HOSE REDUCERS

Reduces 1-inch pipe to fit regular ¾-inch hose. All brass.
Each, weight, 1½ lbs. 45c.

HYDRANT ATTACHMENTS

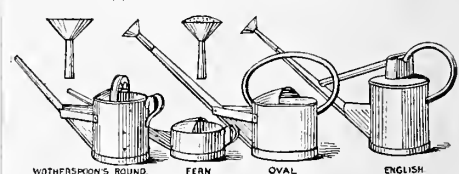
Used for attaching hose to smooth faucets.

Royle style, weight, ½ lb. \$0.50
Boyd style, weight, ½ lb.35

NOZZLE HOLDERS

For sticking in the ground while one continues with other work. Heavy galvanized wire. Price, 25c. each. Weight, 8 ozs.

WATERING CANS



	Round	Oval
2 quart Witherspoon.....	\$1.50	.....
4 quart " " " " " "	2.50	.....
6 quart " " " " " "	2.75	\$3.00
8 quart " " " " " "	3.00	3.25
10 quart " " " " " "	3.25	3.50
12 quart " " " " " "	3.75	4.00
16 quart " " " " " "	4.50	4.75
12 quart Manure Watering Can..	4.25	
4 quart Fern or Low Watering Can	2.25	
Extra Roses for Witherspoon Watering Cans, 60c. each.		

MISCELLANEOUS WATERING CANS

English—Made of very heavy tin; carefully enameled inside and out; finished light green.

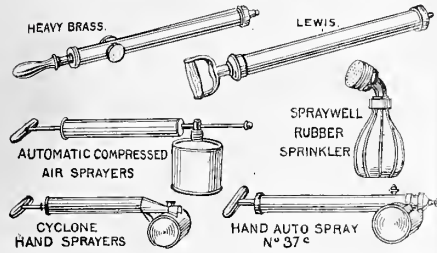
No. 2, 4 qt....\$2.75 No. 3, 6 qt....\$3.00
No. 4, 8 qt.... 3.50 No. 5, 10 qt.. 4.00

Light Galvanized

4 quart	\$0.85	12 quart	\$1.65
6 quart ....	.95	16 quart	1.75
8 quart	1.10	20 quart	3.00
10 quart	1.35		

Light Green Tin, 1 quart.....\$0.35
" " " 2 quart..... .40
" " " 4 quart..... .50

HEAVY BRASS SYRINGES



No.	Diam.	Lgth.	P.P.Wt.	Price
99	—1½"	18"	1 spray...	1¼ lbs. \$3.50
101	—1½"	14"	2 sprays...	2 lbs. 4.00
101A	—1½"	16"	2 sprays...	2¼ lbs. 4.50
104	—1¾"	18"	2 sprays...	4½ lbs. 6.50
107	—1¾"	20"	(Adjustable)	5 lbs. 6.00

LEWIS' SHEET BRASS SYRINGE

Capacity, 1 quart. Unprocurable at present. Parcel Post Weight, 2½ lbs.

SPRAYWELL RUBBER SPRINKLERS

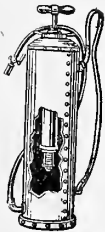
Either Straight or Crook Neck—	
6-oz. capacity, each	.....\$0.75
8-oz. capacity, each	..... 1.00
10-oz. capacity, each	..... 1.25

AUTOMATIC COMPRESSED AIR SPRAYER

Tin, each	.....\$1.25
Brass, each	..... 2.25

CYCLONE HAND SPRAYERS

No. 112, Tin, large	.....\$0.65
Tin, small	..... .35
No. 114, Brass	..... 1.25



BINKS COMPRESSED AIR SPRAYER

Galvanized Steel. 5-gal. capacity. Discharges entire contents with one pumping. P. P. Wt., 15 lbs. Price, \$8.00.

BROWN'S AUTO-SPRAYS

- No. 1-A. Brass. Equipped with hose and regular nozzle, \$10.50.
 No. 1B. Brass. Equipped with hose and Auto-Pop Attachment, \$11.00.
 No. 1-C. Galvanized Iron. Equipped with hose and regular nozzle, \$7.00.
 No. 1-D. Galvanized Iron. Equipped with hose and Auto-Pop, \$7.50.
 Auto-Pop Nozzle Attachment controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately, \$1.75 each. P. P. weight, 1 lb.

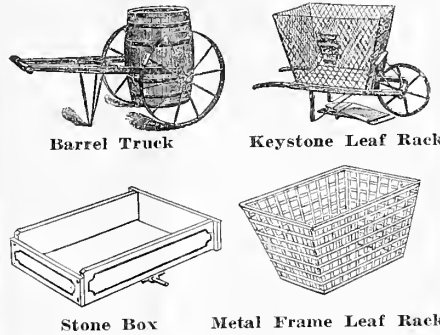


VAPORIZING LAMP

Practical and indestructible, all metal, burns kerosene, used for dispensing fumes of Nicotinic, Tobakine and other preparations of this sort. 75c. each.

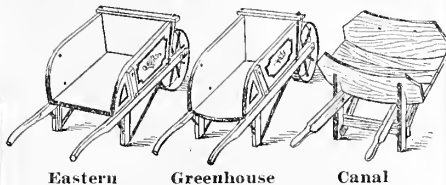
Parcel Post Weight, ¾ lb.

BARREL TRUCKS, ETC.



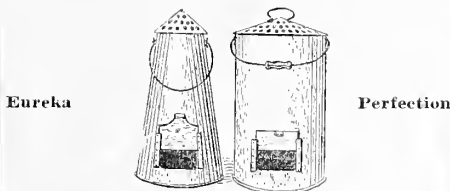
1½-inch tire truck, all iron wheels, with barrel	.....\$19.00
2½-inch tire truck, all iron wheels, with barrel	..... 19.75
3½-inch tire truck, all iron wheels, with barrel	..... 20.75
Extra Barrels, with trunnions, open head	..... 6.50
Stone Boxes for attaching to the above truck	..... 5.00
Keystone Leaf Rack. Price, not including barrow	..... 7.00
Wire and Metal Frame Leaf Rack. Thoroughly galvanized. Can be used on barrel truck	..... 12.00

WHEELBARROWS



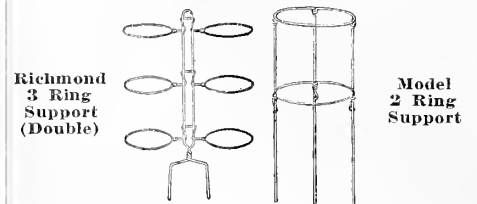
No.	Tire in.	Lgth. in.	Depth in.	Width in.	Price
3	1½	28	11	22	\$6.00
4	3	26¼	11½	27	7.00
5	3	28¼	11¾	27	7.50
Eastern (boys' size)					
2	2	21¼	9¼	20	5.50
Special Greenhouse Style with narrow body and handle width..... 8.75					
Canal—Side dump (bolted)..... 4.00					

FUMIGATORS



Eureka Make	
No. 1, for house, 10x100 feet.....	\$2.75
No. 2, for house, 12x100 feet.....	3.25
No. 3, for house, 15x 40 feet.....	4.00
No. 4, for house, 20x 20 feet.....	5.00
Fumigators cannot be mailed.	
Perfection Make	
No. 1, for house, 12x 40 feet.....	\$5.00
No. 2, for house, 15x100 feet.....	5.75
No. 3, for house, 20x100 feet.....	7.00
No. 5, for house, 20x150 feet.....	8.00

RICHMOND CARNATION SUPPORT



This is now the most popular support on the market; it can be put together in a minute, and is always satisfactory.			
No. 11—29 in., 3 Doz.	100	1000	
ring double	.....\$1.00	\$6.50	\$60.00
No. 11—29 in., 3			
ring single	..... .85	5.50	50.00

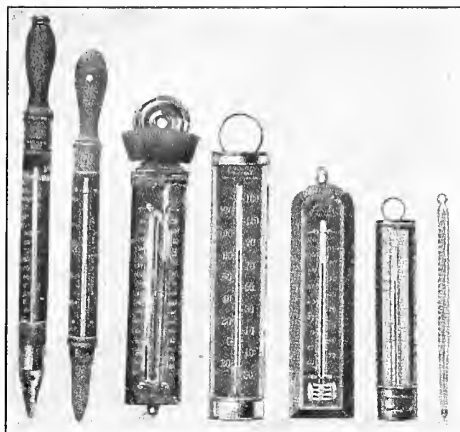
"MODEL" CARNATION SUPPORT			
	Doz.	100	1000
2 Ring	.....\$0.85	\$5.00	\$45.00
3 Ring	..... 1.00	6.00	50.00

SUNDRIES

- Bulb Fibre. 30c. ½ peck; peck, 50c.; 85c. ½ bu.; bu., \$1.50.
 Charcoal. For use in potting. Pk., 50c.; bu., \$1.25; bbl. sack, \$2.00.
 Carnation Bands (Rubber). For mending calyx. 30c. per oz.; ¼ lb., \$1.00.
 Carnation Staples. For mending carnation calyx. 60c. per 1000.
 Coconut Fibre. 10c. qt.; 4 qts., 30c.; 50c. pk.; bu., \$1.50; 5 bu., \$5.00.
 Daylite Glass Cleaner. For cleaning greenhouse, conservatory and hotbed sash glass. \$1.75 per gal.; 5 gals., \$8.00.
 Grafting Wax. ¼ lb., 15c.; ½ lb., 25c.; 35c. lb.; 5 lbs., \$1.25.
 Moss, Green Lump. Pk., 35c.; bu., \$1.00; bbl. bag, \$2.50. Green Sheet. Per bundle, 75c.; \$3.00 per bale of 5 bundles. Sphagnum (dry). Pk., 25c.; bu., 50c.; barrel size bales, \$1.00; 5-bbl. bales, \$2.75. Sphagnum (live). Pk., 30c.; bu., \$1.00; bbl., \$2.25.
 Pebbles. Per qt., 10c.; pk., 50c.; bu., \$1.50; bbl., \$3.50.
 Peat or Leaf Mould. Five barrels, \$10.50; pk., 35c.; bu., \$1.00; bbl., \$2.25.
 Peat, Orchid. Per barrel bag, \$2.50; pk., 35c.; bu., \$1.00.
 Sand. For propagating. Per qt., 5c.; pk., 25c.; bu., 85c.; bbl., \$2.50.
 Shaderine. For shading greenhouse glass. 5 lbs., \$1.25; 10 lbs., \$2.00.
 Soil. For potting. Qt., 5c.; ½ pk., 15c.; pk., 25c.; bu., 85c.; bbl., \$2.25.
 Tin Foil. 30c. per lb.; \$1.25 per 5 lbs.
 Toothpicks. Plain, box, 7c.; 35c. for 6 boxes.
 Toothpicks, Wired. 1000, 45c.; 5000 for \$1.85; 10,000, \$3.50.
 Toothpicks. 6-inch, wired, green. \$2.00 per 3000.
 Violet and Green Foil. 50c. lb.
 Weed Killer. Herbicide. 55c. qt.; ½ gal., 90c.; \$1.75 per gal.; 2 gals., \$3.25; \$7.00 for 5 gals.
 Weed Killer (Michell's). 55c. per qt.; ½ gal., 90c.; \$1.75 per gal.; 5 gals., \$6.75; \$12.50 for 10 gals.; 30 gals., \$33.00; 50-gal. bbl., \$50.00.
 Zementine. For whitewashing and shading. 2 lbs., 25c.

MICHELL'S GARDEN AND GREENHOUSE ACCESSORIES

TROWELS, ETC.



1 2 3 5154 5100 5420-B 5724

THERMOMETERS

MAXIMUM AND MINIMUM

No. 3, registering the coldest and the warmest point during the previous night. 8-inch, each, \$3.50; 10-inch, each, \$4.00.

TESTED THERMOMETERS

These thermometers are positively accurate and may be depended upon at all times.

	Each
No. 5420B—8 in., Tin Case.....	\$0.75
No. 5420B—10 in., Tin Case.....	1.00
No. 5154—8 in., Coppered Case...	1.00
No. 5154—10 in., Coppered Case...	1.25
No. 5100—8 in., Wood Back, Black Scale	1.75
No. 5100—10 in., Wood Back, Black Scale	2.00

STANDARD THERMOMETERS

White scale, tin case; very reliable.

No. 5420W—8 in.....	Each \$0.60
No. 5420W—10 in.....	.75

MUSHROOM OR HOT-BED THERMOMETERS

No. 2—Galvanized Iron Point..Ea. \$2.25

GLASS DAIRY THERMOMETERS

No. 5724—For testing milk, etc., also used for soil purposes. Unprocurable at present.

ELECTRIC THERMOSTAT

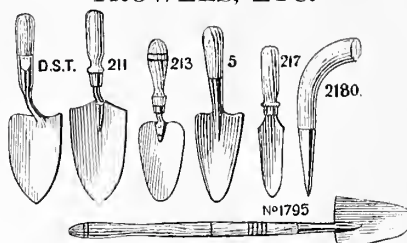
This device can be set to ring an alarm when the temperature goes above or drops below a desired point, absolutely reliable, all brass. Regular style, \$8.00; Waterproof style, \$11.00.

RECORDING THERMOMETERS

With weekly or daily charts showing the temperature for each minute of the day and night. No. 200, price on application.

We can supply Incubator and Brooder Thermometers, also Hygrometers, also any other style of Thermometer for Horticultural purposes.

Our Garden Tool Department we believe to be the most fully equipped of any seed store in the United States. Most every tool of real merit for garden work will be found here, and of the best quality. See our General Catalogue for a complete list of Garden Tools and Sundries.



	Each
D. S. T. Long in blade and handle..	\$0.85
No. 211, Johnson, 5-inch.....	.50
No. 211, " 6 " .....	.65
No. 211, " 7 " .....	.70
No. 211, " 8 " .....	.80
No. 213, 5-inch, 12c.; 6-inch .....	.15
No. 5, 6 " heavy steel .....	.25
No. 217, Cleves' Angle Trowel, 5-inch, 20c.; 6-inch, 25c.; 7-inch, 30c.	
No. 1795, Long Handled English Trowel	Unprocurable at present
No. 2180, Dibble, for planting bulbs, etc	
Iron point	\$0.50
Brass point .....	.80

RAFFIA

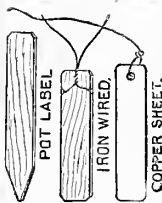
For tying, basket making and fancy work, very long and fibrous.

Natural Color. Price, 40c. ¼ lb.; lb., \$1.50.

Colored. In all shades. Send for samples of color. 15c. per bolt of 11-3 oz. Allow for postage if Raffia is wanted by Parcel Post.

RAFFIATAPE

Per bolt of 250 yards, 85c.; 6 bolts, \$4.75.



WOOD TREE LABELS, ETC.

Parcel Post Weight on Tree Labels, ½ lb. per 100.

Iron Wired. 100 1000
Plain \$0.25 \$1.30

Iron Wired.
Painted .. .25 1.50

Copper Wired. Plain25 1.50

Copper Wired. Painted30 1.85

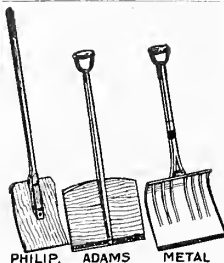
Copper Sheet, wired..25c. doz., 100, \$1.50

Zinc Sheet, wired...25c. doz., 100, \$1.25

Indelible Marking Pencils.....each, 15c.

PAINTED POT AND TREE LABELS

	P.P.Wt.	100	100	500	1000
4 inch ½ lb.	\$0.18	\$0.70	\$1.25		
4½ " ½ lb.	.20	.80	1.50		
5 " ½ lb.	.25	.90	1.65		
6 " ¾ lb.	.30	1.00	1.90		
8 " 2 lbs.	.75	2.90	5.50		
10 " 2½ lbs.	1.00	3.75	7.00		
12 " 3 lbs.	1.10	4.50	8.25		
18 " for field use	3.50	...	32.50		

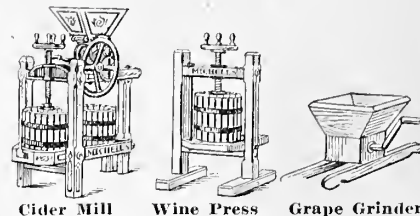


SNOW SHOVELS

Philips. Wood, long handle, well made, 75c.

Adams. Wood, short D-handle, 75c.

Metal (Owosso). Substantially made, \$1.50.



Cider Mill Wine Press Grape Grinder

CIDER MILLS

Junior	\$22.50
Medium	25.00
Senior	32.50
Iamit, single tub	16.00

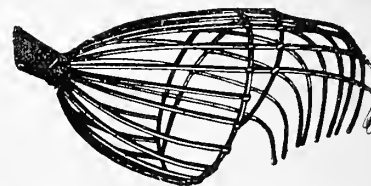
WINE PRESSES

Made of best quality wood, carefully bolted and finished.

No. 1	\$6.50
No. 2	7.25
No. 2½	9.25
No. 3	11.00

No. 11 GRAPE GRINDER

Suitable for crushing berries, grapes and similar soft fruit. Price...\$5.00



BOSS FRUIT PICKER

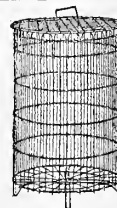
Made substantially of galvanized wire. Can easily be attached to a pole of any length. Price, 50c. P. P. Weight, 2 lbs.

No. 15 No. 16 No. 17



HUSKING PINS

No. 15 made to fit any size hand.
No. 15—Universal, all metal, each, \$0.25
No. 16—Combination, leather and metal, each35
No. 17—The Boss Husker, adjustable, leather and metal, each..... .25



RUBBISH CONSUMERS

Made of galvanized wire, an indispensable arrangement for burning rubbish, paper, leaves, etc., without endangering property.

LIGHT WIRE

	Diameter	High	Price
A, 12 inches x 18 inches.....			\$3.00
B, 15 " x 22 "			3.75
C, 18 " x 26 "			4.00
D, 21 " x 31 "			4.75

EXTRA HEAVY CONSTRUCTION

	Diameter	High	Price
E, 20 inches x 30 inches.....			\$15.00
F, 24 " x 36 "			20.00

All Prices Subject to Market Changes Without Notice.

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MICHELL'S HIGH-GRADE FERTILIZERS

55

ALL PRICES SUBJECT TO MARKET CHANGES

Animal Bone and Potash. Apply 400 to 600 lbs. per acre. Price on application.

Ashes (Canadian Hard Wood). Apply 1000 lbs. per acre. Per 10 lbs., 40c.; 25 lbs., 70c.; 50 lbs., \$1.15; 100 lbs., \$2.00; 200 lbs., \$3.75; ton, \$30.00.

Ashes (Domestic Hard Wood). Not less than 100 lbs. sold. 100 lbs., \$2.75; ½-ton, \$13.00; ton, \$25.00.

Acid or Rock Phosphate. Apply 1000 lbs. per acre. In 200-lb. sacks only, \$3.75; per ton, \$33.00.

Asparagus Fertilizer (Pure Bone and Potash). Apply 600 lbs. per acre. 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00; 200 lbs., \$5.50; ton, \$42.50.

Bon Arbor. Powder: ½ lb., 30c.; per 1 lb., 50c.; \$1.80 per 5 lbs.

Blood (Dried). Apply 300 lbs. per acre. 5 lbs., 75c.; 10 lbs., \$1.25; 25 lbs., \$2.25; 50 lbs., \$4.25; 100 lbs., \$8.00; 200 lbs., \$15.00.

Blood Flour. Apply 200 lbs. per acre. F. o. b. Philadelphia: 5 lbs., 75c.; 10 lbs., \$1.40; 25 lbs., \$2.75; 50 lbs., \$5.00; 100 lbs., \$9.50.

Bone Meal (Michell's Special Brand). 3 lbs., 25c.; 5 lbs., 35c.; 10 lbs., 60c.; 25 lbs., \$1.25; 50 lbs., \$2.15; 100 lbs., \$4.00; 200 lbs., \$7.50; ½-ton, \$33.50; ton, \$65.00.

Bone (Coarse Cracked). Price on application.

Bone (Coarse Ground). Apply 600 to 800 lbs. per acre. Price on application.

Bone Flour (Special Superfine Grade). Price f.o.b. Philadelphia. 25 lbs., \$1.25; \$2.15 for 50 lbs.; 100 lbs., \$4.00; 200 lbs., \$7.50; ton, \$65.00.

Chrysanthemum Manure (Thompson's Special). 28-lb. sack, \$4.75; 56-lb. sack, \$8.00.

Climax Lawn Sand. (See Lawn Sand.)

Clay's Fertilizer. Not obtainable at present.

Copperas (Sulphate of Iron). Price on application.

Cotton Seed Meal. Apply 600 lbs. per acre. 5 lbs., 40c.; 10 lbs., 75c.; 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$5.00; ton, \$75.00.

Corn Phosphate. (See Phosphate.)

Cow or Cattle Manure (Shredded). F. o. b. Philadelphia. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.25; 500 lbs., \$15.00; 1000 lbs., \$26.00; ton, \$50.00.

Dissolved Bone. Apply 600 to 800 lbs. per acre. Price on application.

Horse Manure. (See Manure.)

Humus (Alphano) Natural. F. o. b. factory: 100 lbs., \$1.00; 500 lbs., \$3.75; 1000 lbs., \$5.00; ton, \$8.00. F. o. b. Philadelphia: 100 lbs., \$1.35; 500 lbs., \$6.25; 1000 lbs., \$12.00; ton, \$20.00.

Humus (Alphano) Prepared. F. o. b. factory: 100 lbs., \$1.10; 500 lbs., \$5.00; 1000 lbs., \$8.50; ton, \$16.00. F. o. b. Philadelphia, 5 lbs., 25c.; 25 lbs., 65c.; 50 lbs., \$1.00; 100 lbs., \$1.75; 500 lbs., \$8.00; 1000 lbs., \$13.50; ton, \$25.00.

Horn Shavings. 5 lbs., 50c.; 25 lbs., \$2.00; 50 lbs., \$3.25; 100 lbs., \$6.00.

Kainit (Potash Salts). Apply 800 to 1000 lbs. per acre. Stock unprocurable at this time.

Land Plaster. Apply 1000 to 1500 lbs. per acre. 5 lbs., 25c.; 10 lbs., 40c.; per 25 lbs., 60c.; 50 lbs., \$1.00; 100 lbs., \$1.75; 200 lbs., \$3.00; ton, \$22.00.

Lawn Sand (Climax). 3½-lb. tin, 60c.; 7 lbs., \$1.00; 14 lbs., \$1.75; 28 lbs., \$3.00; 56 lbs., \$4.50; 112-lb. keg, \$8.50.

Limestone (Pulverized). Apply 1 ton per acre. Per 100-lb. bag, \$1.50; 1000 lbs., \$8.00; per ton, \$15.00.

Lime (Hydrated or Powdered). 125-lb. sack, \$2.00; 500 lbs., \$9.00; 1000 lbs., \$15.00; per ton, \$22.00.

Manure, Horse, Cow or Stock Yard. Prices quoted on request. Carload lots only.

Mulford's Culture (Bacteria for Legumes). ¼ acre size bottle, 50c.; per acre bottle, \$1.50; 5 acre bottle, \$5.00.

Mapes Fertilizers. Prices quoted on application.

Muriate of Potash. Stock unprocurable at this time.

Plant Food (Bowker's). Small pkgs., 15c. each; large pkgs., 25c. each.

Plant Food (Michell's). 6-oz. pkgs., 15c.; 50c. for 4 pkgs. (by Express, not prepaid).

Nitrate of Soda. Apply 100 to 150 lbs. per acre. 5 lbs., 65c.; 10 lbs., \$1.10; 25 lbs., \$2.50; 50 lbs., \$4.50; 100 lbs., \$8.25; 200 lbs., \$16.00; ½ ton, \$77.50; per ton, \$150.00.

Phosphate (High Grade Ammoniated). Apply 500 to 600 lbs. per acre. 5 lbs., 30c.; 50c. for 10 lbs.; 25 lbs., 85c.; 50 lbs., \$1.50; 100 lbs., \$2.75; 200 lbs., \$5.50; \$25.00 per 1000 lbs.

Phosphate for Corn (Phosphate and Potash). Apply 500 to 600 lbs. per acre. 200 lbs., \$5.50; \$26.00 per 1000 lbs.; ton, \$52.00.

Phosphate (Michell's Hi-Grade Potato). Apply 400 to 600 lbs. per acre. Cannot supply at present.

Phosphate (Basic Slag). Apply 600 to 800 lbs. per acre. Price on application.

Potato Fertilizer. Apply 400 lbs. per acre. 25 lbs., \$1.00; 50 lbs., \$1.65; 100 lbs., \$3.00; 200 lbs., \$5.75; ton, \$55.00.

Poudrette (Native Guano). Apply 1000 lbs. per acre. 5 lbs., 25c.; 10 lbs., 45c.; 25 lbs., 75c.; 100 lbs., \$2.00; 200 lbs., \$3.50; 1000 lbs., \$16.00; ton, \$30.00.

Salt (Agricultural). Apply 600 to 800 lbs. per acre. 25 lbs., 60c.; 100 lbs., \$1.75; 200 lbs., \$3.00; ton, \$25.00.

Sheep Manure (Wizard Brand). Apply 1000 lbs. per acre. 5 lbs., 35c.; 10 lbs., 60c.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.25; 500 lbs., \$15.00; 1000 lbs., \$26.00; ton, \$50.00.

Soot (Imported Scotch). 10c. per lb.; 5 lbs., 40c.; 25 lbs., \$1.50; 112 lbs., \$5.00.

Sulphate of Ammonia. Apply 75 to 100 lbs. per acre. 5 lbs., 70c.; 10 lbs., \$1.35; 25 lbs., \$3.25; 100 lbs., \$10.00.

Sulphate of Potash. Stock not procurable at this time.

Tankage. 5 lbs., 35c.; 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.75; 200 lbs., \$5.00.

Thompson's Special Flower, Vegetable and Vine Manure. 15c. per lb.; 5 lbs., 60c.; \$1.10 per 10 lbs.; 28 lbs., \$2.50; 56 lbs., \$4.50; 112 lbs., \$8.00.

Wheat Fertilizer. Apply 500 to 600 lbs. per acre. Price on application.

Tobacco Stems. Per lb., 10c.; 25c. per 5 lbs.; in large bales, at \$2.25 per 100 lbs.

Wood Ashes. (See Ashes.)

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56 HEADQUARTERS for INSECT DESTROYERS

DIRECTIONS FOR USING ANY OF THE FOLLOWING WILL BE FOUND ON EACH PACKAGE

Ant Exterminator. Per $\frac{1}{4}$ lb., 20c.; per $\frac{1}{2}$ lb., 40c.; per lb., 75c.; per 5 lbs., \$3.00.

Antipest (Carman's). \$1.75 per gal.

Aphine. $\frac{1}{4}$ pt., 25c.; per $\frac{1}{2}$ pt., 40c.; per pt., 65c.; per qt., \$1.00; gal., \$2.50.

Aphis Punk. Per pkg., 60c.; 12 pkgs., \$6.50.

Arsenate of Lead (Powdered). 1 lb., 60c.; per 5 lbs., \$2.75; per 10 lbs., \$5.25; per 25 lbs., \$12.00; per 50 lbs., \$23.00; per 100 lbs., \$42.50.

Arsenate of Lead (Paste). Per lb., 40c.; 5 lbs., \$1.75; 10 lbs., \$3.50; 25 lbs., \$6.50; 50 lbs., \$12.50; 100 lbs., \$24.00.

Black Leaf No. 40. Per 1-oz. bottle, 25c.; $\frac{1}{2}$ lb., 75c.; 2 lbs., \$2.50; 10 lbs., \$10.75.

Bordeaux Arsenate. Per lb., 35c.; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$6.00; 50 lbs., \$11.00; \$21.00 for 100 lbs.

Bordeaux Mixture (Dry Form). Per lb., 30c.; 5 lbs., \$1.25; 10 lbs., \$2.00.

Bordeaux Mixture (Paste Form). Per qt., 60c.; gal., \$1.50; 5 gals., \$6.00.

Boro Wax. Per qt., 40c.; $\frac{1}{2}$ gal., 75c.; per gal., \$1.25.

Bug Death. Per lb., 20c.; 3 lbs., 50c.; 5 lbs., 75c.; 12 $\frac{1}{2}$ lbs., \$1.50; 100 lbs., \$8.25.

Carbolineum (Arvenarius). (Now called Protexol.) Per gal., \$1.50.

Copper Solution. Per qt., \$1.00; per gal., \$2.75.

Cut Worm Destroyer (Reade's). Per lb., 25c.; 5 lbs., 80c.; 10 lbs., \$1.25; 25 lbs., \$2.50; per 100 lbs., \$7.50.

Cyanegg. For making hydrocyanic acid gas. Per lb., \$1.00.

Dalmatian or Persian Powder. Per $\frac{1}{4}$ lb., 30c.; $\frac{1}{2}$ lb., 55c.; lb., 90c.; 5 lbs., \$4.00.

Fir Tree Oil Soap. Per $\frac{1}{2}$ lb., 35c.; per 2-lb. can, \$1.00.

Fish Oil Soap. Per $\frac{1}{2}$ lb., 15c.; per lb., 25c.; 5 lbs., \$1.00; 25 lbs., \$3.00; 100 lbs., \$9.50.

Fish Oil Soap (Good's Caustic). Per lb., 30c.; 5 lbs., \$1.25; 25 lbs., \$4.75.

Fungine. Per qt., \$1.00; per gal., \$3.50.

Getz-There Soap. Per 2 lbs., 50c.; 8 lbs., \$1.75; 25 lbs., \$2.75.

Grape Dust. Per 5 lbs., 75c.; 10 lbs., \$1.40.

Hellebore. Per $\frac{1}{4}$ lb., 25c.; $\frac{1}{2}$ lb., 40c.; lb., 65c.; 5 lbs., \$3.00.

Imp Soap Spray. 50c. per pt.; per qt., 75c.; \$2.25 per gallon; 5 gallons, \$9.50.

IXL Compound. Per gal., \$4.00.

Kerosene Emulsion (Liquid). 60c. per qt., per gal., \$1.50.

Kil-o-Scale. Per pt., 35c.; qt., 60c.; $\frac{1}{2}$ gal., 85c.; gal., \$1.35; 5 gals., \$5.50.

Lemon Oil Insecticide. Per $\frac{1}{2}$ pt., 30c.; pt., 50c.; qt., 90c.; $\frac{1}{2}$ gal., \$1.50; gal., \$2.50; 5-gal. keg, \$10.50.

Lime Sulphur. Per qt., 60c.; 1 gal., \$1.25; 5 gals., \$4.75.

Lime Sulphur (Dry Powder Form). 1 lb., 25c.; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$3.50; 50 lbs., \$6.00; 300-lb. bbl., at 10c. per lb.



CARBONDALE HYDROMETERS

These are highly recommended by the Pennsylvania State Department of Agriculture for testing the gravity of Lime Sulphur solution. One should be in the hands of every man who uses this material. Price, \$1.00. (Postpaid, \$1.10.) With directions.

Nico-Fume (Liquid). $\frac{1}{4}$ lb., 50c.; lb., \$1.50; 4 lbs., \$5.50; 8 lbs., \$10.50.

Nico-Fume Paper. Per box, 24 sheets, 85c.; per 144 sheets, \$4.00; 288 sheets, \$7.50.

Nicoticide. At the present time this material is not obtainable. Lamps for Nicoticide and similar products, 60c. each.

Nikoteen. $\frac{1}{2}$ oz., 15c.; 1 $\frac{3}{4}$ ozs., 40c.; 8 ozs., 85c.; pt., \$1.50; per gal., \$10.00.

Paris Green. Per $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 35c.; lb., 65c.; 2 lbs., \$1.25; 14 lbs., \$8.40.

Pyrrox (Bowker's). Per lb., 40c.; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$6.00; 50 lbs., \$10.75; 100 lbs., \$20.00; 300 lbs., \$57.00.

Readeana Rose Bug Exterminator. Trial bottle, 30c.; 8 ozs., 50c.; 24 ozs., \$1.00; per gal., \$4.00.

Scalecide. Per qt., 60c.; gal., \$1.50; 5 gals., \$6.50; 10 gals., \$11.00; 30-gal. bbl., \$27.00; 50 gals., \$39.50.

Scale Destroyer (Soluble Oil). Qt., 50c.; $\frac{1}{2}$ gal., 85c.; gal., \$1.25; 5 gals., \$4.25; 10 gals., \$8.00; 30 gals., \$19.50; 50 gals., \$30.00.

Shoo Fly. Per qt., 45c.; per gal., \$1.25.

Slug Shot. Per canister, 20c.; 5 lbs., 50c.; 10 lbs., 90c.; 25 lbs., \$2.15.

Sulphate of Copper. Per lb., 25c.; per 10 lbs., \$2.00.

Sulphur (Flowers). Per lb., 15c.; 5 lbs., 60c.; 25 lbs., \$2.00; 100 lbs., \$7.50.

Sulphur Candles. Large: 25c. each; per doz., \$2.50. Small: 15c. each; \$1.50 per doz.

Sulpho Tobacco Soap. Per 3-oz. pkg., 15c.; 6-oz. pkg., 25c.

Tobacco Dust (Special Dusting or Fumigating). 5 lbs., 35c.; 10 lbs., 60c.; 25 lbs., \$1.35; 50 lbs., \$2.50; 100 lbs., \$4.00.

Tobacco Soap (Sulpho). 3 ozs., 15c.; 8 ozs., 25c.

Tobacco Stems. Per lb., 10c.; 5 lbs., 25c.; barrel sacks, \$1.25; large bales at \$2.00 per 100 lbs.

Thrip Juice (Hammond's No. 2). Pt., 75c.; qt., \$1.25; gal., \$4.00.

Tree Tanglefoot. Per lb., 50c.; 3-lb. cans, \$1.45; 10 lbs., \$4.50; 20 lbs., \$8.75.

Vaporite. 1 lb., 15c.; per 5 lbs., 60c.; 10 lbs., \$1.00; 25 lbs., \$2.25; 50 lbs., \$4.25; 100 lbs., \$7.50.

Vermine. Per qt., \$1.00; \$3.00 per gal.

Vapor Cones (Lethorion Nicotine). In 3 sizes: No. 1, 15c. each; doz., \$1.50. No. 2, 25c. each; doz., \$2.50. No. 3, 30c. each; doz., \$3.00.

Worm Destroyer (Michell's Brand). Owing to European complications we are unable to supply this at the present time.

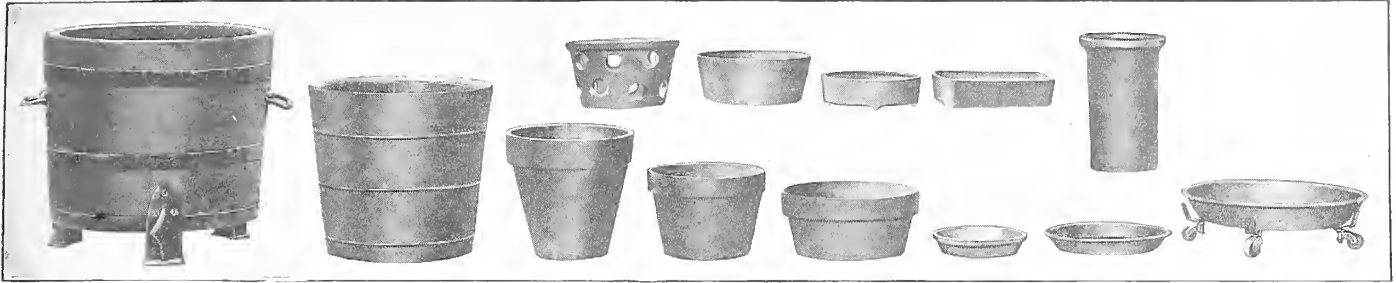
Worm Destroyer (Carter's Brand). F. o. b. Philadelphia: per 100 lbs., \$11.50; 1000 lbs., \$102.50; ton., \$195.00. F. o. b. Boston: per 100 lbs., \$10.00; ton., \$185.00.

Worm Eradicator (Reade's Electric). Small size, 30c.; 8 ozs., 50c.; 24 ozs., \$1.00; per gal., \$4.00.

Zenoleum. $\frac{1}{2}$ pt., 30c.; qt., 60c.; $\frac{1}{2}$ gal., \$1.00; \$1.75 per gal.

MICHELL'S FLOWER POTS, TUBS, ETC.

Orchid Pan Earthen Fern Pan Fern Dish Liner Seed Pan Wood Fibre Flower Vase



Cedar Tub

Keystone Tub

Earthen Flower Pot

Azalea Pot

Earthen Bulb Pan

Earthenware Saucer

Wood Fibre Saucer

Rolling Stand

CEDAR TUBS

Equipped with Strong Iron Handles

These are made by hand, of the very best white cedar, painted green, bound with black iron hoops.

	Outside Diam.	Length of stave outside	Each
No. 0	27 in.	24 in.	\$10.80
No. 1	25 in.	22 in.	9.65
No. 2	23 in.	20 in.	8.60
No. 3	21 in.	18 in.	6.85
No. 4	19½ in.	16 in.	5.69
No. 5	18 in.	14 in.	5.10
No. 6	16½ in.	13 in.	4.50
No. 7	15 in.	12 in.	3.55
No. 8	12 in.	10 in.	3.10

MICHELL'S KEYSTONE PLANT TUBS

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 15c. per pair. Not attached to tub.

	Inside Diam.	Depth	Each
No. 1	6 in.	6 in.	\$0.75
No. 2	7 in.	7 in.	.85
No. 3	8 in.	8 in.	.95
No. 4	9 in.	9 in.	1.00
No. 5	10 in.	9 in.	1.10
No. 6	11 in.	10 in.	1.20
No. 7	12 in.	11 in.	1.35
No. 8	13 in.	12 in.	1.60
No. 9	14 in.	13 in.	1.75
No. 10	15 in.	14 in.	2.00
No. 11	16 in.	15 in.	2.25
No. 12	17 in.	16 in.	2.75
No. 13	18 in.	17 in.	3.25
No. 14	19 in.	18 in.	3.50

KEYSTONE FERN TUBS

	Inside Diam.	Inside Depth	Each
No. 15	8	5	\$0.65
No. 16	10	5½	.75
No. 17	12	6	1.00
No. 18	14	6½	1.35

PAPER FLOWER POTS

Ins.	Parcel Post Weight	per doz.	per 100	per doz.	100	1000
2¼	3 ozs.	2 lbs.	\$0.08	\$0.45	\$3.50	
2½	3 ozs.	2 lbs.	.10	.50	4.00	
3	5 ozs.	2 lbs.	.15	.75	5.25	
3½	7 ozs.	3 lbs.	.20	1.10	7.40	
4	8 ozs.	4 lbs.	.25	1.25	9.05	
5	15 ozs.	7 lbs.	.35	1.80	14.90	
6	2 lbs.	11 lbs.	.50	2.50	20.00	

AZALEA POTS

Diam.	Deep	Each	Doz.	100
5 in.	4½ in.	\$0.06	\$0.56	\$4.32
6 in.	5 in.	.09	.84	6.48
7 in.	6 in.	.14	1.40	10.80
8 in.	7 in.	.20	2.02	15.60
9 in.	7½ in.	.30	3.12	24.00
10 in.	8 in.	.42	4.21	32.40

FERN DISH LINERS

These cannot be sent by Parcel Post.

Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Depth	Each	Doz.	100
7 in.	1½ in.	\$0.14	\$1.40	\$10.80

SEED PANS (Earthenware)

	Each	Doz.
6 inches square	\$0.75	\$7.80
8 inches square	1.00	10.45
10 inches square	1.26	13.10
12 inches square	1.50	15.60

WOOD FIBRE FLOWER VASES

No.	Depth	Depth	Weight	Each	Doz.
0	8 in.	13 in.	4 lbs.	\$1.46	\$16.60
1	5½ in.	10 in.	2½ lbs.	1.15	13.20
2	4½ in.	9 in.	1½ lbs.	1.02	11.60
3	4 in.	6 in.	1½ lbs.	.84	9.60
4	3 in.	4½ in.	¾ lb.	.67	7.60
00	9 in.	21 in.	6 lbs.	5.07	58.00
11	5 in.	18 in.	4 lbs.	1.57	18.00
22	4½ in.	15 in.	2 lbs.	1.21	13.80
33	4 in.	12 in.	2 lbs.	1.02	11.60
44	3 in.	9 in.	1 lb.	.84	9.60

EARTHEN FLOWER POTS

Height and Width inside	Each	Doz.	100	1000
1 in.	\$0.02	\$0.14	\$1.08	\$9.90
2 in.	.02	.12	.90	8.25
2¼ in.	.02	.14	1.02	9.35
2½ in.	.02	.16	1.20	11.00
3 in.	.02	.21	1.56	14.30
3½ in.	.03	.25	1.92	17.60
4 in.	.05	.31	2.40	22.00
4½ in.	.05	.42	3.24	29.70
5 in.	.06	.56	4.32	39.60
5½ in.	.07	.70	5.40	49.50
6 in.	.09	.84	6.48	59.40
6½ in.	.11	1.12	8.64	79.20
7 in.	.14	1.40	10.80	99.00
8 in.	.20	2.02	15.60	143.00
9 in.	.30	3.12	24.00	
10 in.	.42	4.21	32.40	
11 in.	.60	6.24	48.00	
12 in.	.83	8.58	66.00	
14 in.	1.35	14.04	108.00	

EARTHEN BULB PANS

	Each	Doz.	100
6 inches diam.	\$0.09	\$0.84	\$6.48
7 inches diam.	.14	1.40	10.80
8 inches diam.	.20	2.02	15.60
9 inches diam.	.30	3.12	24.00
10 inches diam.	.42	4.21	32.40
12 inches diam.	.83	8.58	66.00
14 inches diam.	1.35	14.04	108.00

WOODEN ORCHID BASKETS

	Each	Doz.
4 inch (Square)	\$0.35	\$4.00
6 inch	.45	5.00
8 inch	.50	5.75
10 inch	.60	6.50
12 inch	.75	8.75

ORCHID PANS

(Round) (Earthen)

	Each	Doz.
4 inches diam.	\$0.12	\$1.25
5 inches diam.	.20	2.00
6 inches diam.	.25	2.50
8 inches diam.	.35	3.50
10 inches diam.	.50	5.00
12 inches diam.	.75	7.00

Orchid pans not mailable.

EARTHEN FERN PANS

These cannot be sent by Parcel Post.

Width	Height	Each	Doz.	100
4 in.	1½ in.	\$0.05	\$0.47	\$3.60
4¾ in.	2½ in.	.06	.62	4.80
5½ in.	2¼ in.	.08	.78	6.00
6¾ in.	2½ in.	.09	.94	7.20
7 in.	2¾ in.	.11	1.09	8.40
8 in.	3½ in.	.15	1.56	12.00
9 in.	3¾ in.	.18	1.87	14.40

EARTHENWARE SAUCERS

These cannot be sent by Parcel Post.

	Each	Doz.	100
4 inches	\$0.02	\$0.23	\$1.80
5 inches	.03	.31	2.40
6 inches	.05	.47	3.60
7 inches	.06	.62	4.80
8 inches	.08	.86	6.60
9 inches	.11	1.17	9.90
10 inches	.14	1.40	10.80
11 inches	.17	1.72	13.20
12 inches	.20	2.11	16.20
14 inches	.34	3.51	27.00

WOOD FIBRE SAUCERS

Extremely desirable on account of being absolutely waterproof.

Parcel Post Weight	Each	Doz.	100
5 inches... ¼ lb.	\$0.31	\$3.31	\$26.22
6 inches... ¼ lb.	.32	3.43	27.17
7 inches... ¼ lb.	.34	3.67	29.07
8 inches... ½ lb.	.35	3.89	30.78
9 inches... ¾ lb.	.40	4.32	34.20
10 inches... ¾ lb.	.42	4.61	36.48
12 inches... 1¼ lbs.	.51	5.52	43.70
14 inches... 1½ lbs.	.64	6.96	55.10
16 inches... 2 lbs.	1.15	12.60	99.75
18 inches... 2½ lbs.	1.35	14.76	116.85

Larger sizes can be furnished as complete rolling stands only. See price list below.

ROLLING STANDS (Wood Fibre)

Parcel Post	Will Fit	Pot	Tub	Each
12	2 lbs.	10 in.		\$1.05
14	2½ lbs.	12 in.	No. 8	1.31
16	3 lbs.	14 in.	No. 8	1.75
18	3½ lbs.	16 in.	No. 7-6	2.10
20			No. 5	2.62
22			No. 4	3.15

AUTUMN 1918

29TH YEAR



MICHELL'S
FAIR GREENS (GOLF)
GRASS SEEDS
\$5.00 PER BUSHEL

MICHELL'S GRASS SEEDS

SEPTEMBER AND OCTOBER
ARE THE BEST AUTUMN
MONTHS FOR SOWING
GRASS SEED



MICHELL'S
"EVERGREEN"
LAWN GRASS SEED
\$4.00 PER BUSHEL



MICHELL'S
"SHADED LAWN"
GRASS SEED
\$6.00 PER BUSHEL

HENRY F. MICHELL CO., 518 MARKET ST., PHILA